- * =mandatory field)
 - Investigator:*
 - o Name*: Dr. Adrienne Sutton
 - Organization: NOAA/PMEL
 - o Address:

NOAA/PMEL

7600 Sand Point Way NE

Seattle Washington, 98115 USA

Phone: 206-526-6879

- o Email: adrienne.sutton@noaa.gov
- Dataset Info:*
 - o Dataset ID*: TAO165E0N Feb2010 Feb2011
 - Submission Dates:*

Initial_Submission: 20130827 (YYYYMMDD)Revised_Submission: (YYYYMMDD)

- Cruise_Info:*
 - Experiment:
 - Experiment_Name*:
 - Cruise:()
 - Cruise ID: (EXPOCODE)
 - Section: (Leg)
 - Geographical Coverage:*
 - Geographical Region:
 - Bounds:
 - Westernmost_Longitude: Enter decimal fractions of degrees: or Degrees, Minutes, Seconds:
 - Easternmost_Longitude: Enter decimal fractions of degrees: +164.99 (+ = E, - = W)

or Degrees, Minutes, Seconds:

Northernmost_Latitude:

Enter decimal fractions of degrees: +0.02 (+ = N, - = S)

Southernmost_Latitude:

Enter decimal fractions of degrees:

- Temporal_Coverage:
 - Start_Date: 20100223 (YYYYMMDD)
 End_Date: 20110227 (YYYYMMDD)
- Vessel:* Mooring platform
 - Vessel Name:
 - Vessel_ID:
 - Country:
 - Vessel Owner:
- Variables Info:*
 - Variable:
- Variable Name and Description*:
- xCO₂ SW (wet) (umol/mol) Mole fraction of CO₂ in air in equilibrium with the seawater at sea surface temperature and measured humidity.
- CO2 SW QF Quality Flag for xCO₂ SW (wet).
- H₂O SW (mmol/mol) Mole fraction of H₂O in air from equilibrator.
- xCO₂ Air (wet) (umol/mol) Mole fraction of CO₂ in air from airblock, 4 feet above the sea surface at measured humidity.
- CO2 Air QF Quality Flag for xCO₂ Air (wet)
- H₂O Air (mmol/mol) Mole fraction of H₂O in air from airblock, 4 feet above the sea surface.

- Licor Atm Pressure (hPa) Atmospheric pressure at the airblock, 4 feet above the sea surface
- Licor Temp (C) Temperature of the Infrared Licor 820 in degrees Celsius
- % O₂ The percent oxygen of the surface seawater divided by the percent oxygen of the atmosphere at 4 feet above the sea surface. Disclaimer: The oxygen measurement is made in the equilibrated air. We have found that the oxygen does not come to complete equilibrium so any rapid changes in oxygen do not get properly captured using this system. Therefore, we tend to use the oxygen data only as a qualitative sense of the biology. It is not a quantitative measure.
- SST (C) Sea Surface Temperature collected by NOAA/PMEL/TAO provide internally recorded SST data at 10 minute resolution. Daily data was only available at time of CO2 QC. NOAA/PMEL/TAO advises to check the TAO site at the time of use for the most accurate data available.
- Salinity Sea Surface Salinity collected by NOAA/PMEL/TAO. Papa records conductivity data at 10 minute
 intervals and then computes hourly averaged salinity during post-processing. Daily data was only available
 at time of CO2 QC. NOAA/PMEL/TAO advises to check the TAO site at the time of use for the most
 accurate data available.
- xCO₂ SW (dry) (umol/mol) Mole fraction of CO₂ in air in equilibrium with the seawater at sea surface temperature (dry air).
- xCO₂ Air (dry) (umol/mol) Mole fraction of CO₂ in air at the airblock, 4 feet above the sea surface (dry air).
- fCO₂ SW (sat) uatm Fugacity of CO₂ in air in equilibrium with the seawater at sea surface temperature (100% humidity). Since the measurements are taken at the sea surface, warming calculations are not necessary.
- fCO₂ Air (sat) uatm Fugacity of CO₂ in air at the airblock, 4 feet above the sea surface (100% humidity).
- dfCO₂ Difference of the fugacity of the CO₂ in seawater and the fugacity of the CO₂ in air (fCO₂ SW fCO₂ Air).
- Method Description:*
 - o Equilibrator_Design:

Equilibrator_Type: (show pick list)
 Bubble Equilibrator

Equilibrator_Volume: (L)Water_Flow_Rate: (L/min)N/A

Headspace_Gas_Flow_Rate: (L/min) ~600 cc/min

Vented: (show pick list)Yes

Measurement_Method:
 Absolute, non-dispersive infrared (NDIR) gas

analyzer

Manufacturer of Calibration Gas:
 NOAA Earth System Research

Laboratory (ESRL)

o CO₂_Sensors:

CO₂Sensor:

Manufacturer: Licor
 Model: Environmental_Control: LI-820
 Resolution: 0.01 ppm

Uncertainty: < 2.5% of reading with 14 cm bench (stated)

<1.5 ppm determined in lab

CO₂_Sensor_Calibration: (For each calibration gas, document traceability to an internationally recognized scale, including date and place of last calibration.
 Include uncertainty of assigned value.)

At the beginning of each sample, the instrument self-calibrates using a zero and high standard. The zero standard is generated by cycling a small amount of air through a soda lime chamber. The high standard is from a cylinder of calibrated standard reference gas, 435.12 umol/mol, from ESRL. ESRL

standards are traceable to WMO x93 scale with a stated reproducibility of 0.06 micromole/mole.

Other_Sensors:Oxygen Sensor

Manufacturer: Maxtec
 Model: Max-250
 Resolution: 0.01 %

■ Uncert-ainty: ± 2.0% Full Scale over operating temperature

range

± 1.0% Full Scale @ constant temperature and

pressure

 Calibration: (For each sensor of pressure, temperature, and salinity, document traceability to an internationally recognized scale, including date and place of last calibration.)

Factory calibrated before purchase. Recalibrated to sea level atmospheric air every 7 days.

Other_Sensors: Humidity Sensor

Manufacturer: SensirionModel: SHT71Resolution: 0.01 %

Uncertainty: Measurement range: 0-100% RH

Absolute. RH accuracy: +/- 3% RH (20-80% RH)

Repeatability RH: +/- 0.1% RH

 Calibration: (For each sensor of pressure, temperature, and salinity, document traceability to an internationally recognized scale, including date and place of last calibration.)

Factory calibrated before purchase.

Method_References: (Publication(s) describing method)

Sabine, C. (2005): High-resolution ocean and atmosphere pCO₂ time-series measurements. The State of the Ocean and the Ocean Observing System for Climate, Annual Report, Fiscal Year 2004, NOAA/OGP/Office of Climate Observation, Section 3.32a, 246–253.

- Additional Information
- All measurements are at sea surface temperature and atmospheric pressure.
- During the equilibration cycle, a closed loop of air equilibrates with seawater for 10 minutes. Once the equilibration period is complete, the pump stops and the system opens to the atmosphere allowing the pressure to equilibrate with atmospheric pressure. Measurements are recorded for 30 seconds at 2 hertz and then averaged.
- During the air cycle, fresh air is pumped through the detector for 1 minute. Once the pump stops, the system opens to the atmosphere allowing the pressure to equilibrate with atmospheric pressure. Measurements are recorded for 30 seconds at 2 hertz and then averaged.
- The gas streams for both the air cycle and equilibrator cycle are partially dried before entering the detector. The values listed as wet xCO₂ generally have relative humidity levels ranging from 40 to 80 percent. The humidity levels increase over the course of a deployment.
- Sampling occurs every 3 hours. The infrared detector is calibrated at the beginning of every sampling period. Averaged data and standard deviations for each measurement are transmitted back daily.
- To calculate the dry measurements, the water mole fraction in the Licor detector must be known. A relative humidity sensor is located immediately downstream of the detector.
- As part of the QC process, each data set is compared with the Marine Boundary Layer (MBL) data from GlobalView- CO_2 . The CO_2 air data from this deployment were -5.7 \pm 3.7 umol/mol on average of the MBL data

and similarly offset from the next CO2 system deployed at this location. Therefore a correction of +5 umol/mol was applied to the CO2 (wet) data.

GLOBALVIEW-CO ₂: Cooperative Atmospheric Data Integration Project - Carbon Dioxide. CD-ROM, NOAA ESRL, Boulder, Colorado [Also available on Internet via anonymous FTP to ftp.cmdl.noaa.gov, Path: ccg/co2/GLOBALVIEW], 2010

- During the QC process, an adjustment to the Licor pressure is also made based on each sensor's bias to barometric pressure as measured in the lab. This test has not yet been run on this system.
- The standard reference gas ran out on 9/11/10 21:00. Missing reference gas coefficients were recalculated using the correlation between Licor temperature and the coefficients from the beginning of the deployment until the gas ran out. xCO2 air and sw (wet) after 9/11/10 21:00 were then recalculated using these recalculated coefficients.
- No data = -9.999 or -999
- Data_set_References: (Publication(s) describing data set)

 None
- Citation: (How to cite this data set) Sutton, A., C. Sabine, and S. Maenner. 2011. High-resolution ocean and atmosphere pCO₂ time-series measurements from mooring TAO 0°, 165°E.
- Data_Set_Link:
 - URL*: http://www.pmel.noaa.gov/co2/moorings/eq_pco2/eq_pco2.htm
 - Label*:PMEL CO2 Group TAO165E mooring

Э	Link_Note: (Optional instructions or remarks)(m s t)	
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Quality Flags definitions:

- 2 = Acceptable measurement;
- 3 = Questionable measurement;
- 4 = Bad measurement
- 5 = Not reported;
- 9 = Sample not drown for this measurement from this bottle.

Quality Flag Log for this dataset.

Date	Measurement	Value (L	Ory) Flag	j C	Comments
2/28/2010 21:1	7 xCO2	_SW	406.933204	9 3	likely bad CO2 sw measurement due to pressure
problems durin	g equilibrator cy	cle			
3/1/2010 0:17	xCO2_SW	397.608	9992 3	lil	kely bad CO2 sw measurement due to pressure
problems durin	g equilibrator cy	cle			
3/1/2010 3:17	xCO2_SW	402.819	1132 3	lil	kely bad CO2 sw measurement due to pressure
problems durin	g equilibrator cy	cle			
3/20/2010 9:17	xCO2_SW	410.925	5127 4	b	pad CO2 sw measurement due to pressure problems
during equilibra	itor cycle				
3/20/2010 12:1	7 xCO2	_SW	406.404756	5 4	bad CO2 sw measurement due to pressure
problems durin	g equilibrator cy	cle			
3/20/2010 15:1	7 xCO2	_SW	405.754501	7 4	bad CO2 sw measurement due to pressure
problems durin	g equilibrator cy	cle			
3/20/2010 18:1	7 xCO2	_SW	395.788556	2 4	bad CO2 sw measurement due to pressure
problems durin	g equilibrator cy	cle			

3/20/2010 21:17 xCO2_SW	394.0707867	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/21/2010 0:17 xCO2 SW 410	0.086763 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	0.000700 4	bad 002 sw measurement due to pressure problems
3/21/2010 3:17 xCO2_SW 426 during equilibrator cycle	8.4961269 4	bad CO2 sw measurement due to pressure problems
3/21/2010 6:17 xCO2_SW 403	3.7310122 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/21/2010 9:17 xCO2 SW 412	2.8320517 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle		
3/21/2010 12:17 xCO2_SW problems during equilibrator cycle	408.3543	4 bad CO2 sw measurement due to pressure
3/21/2010 15:17 xCO2_SW	400.279104	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/21/2010 18:17 xCO2_SW	399.8875634	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/21/2010 21:17 xCO2 SW	402 527562	·
3/21/2010 21:17 xCO2_SW problems during equilibrator cycle	403.527562	4 bad CO2 sw measurement due to pressure
3/22/2010 0:17 xCO2_SW 429	9.6244743 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/22/2010 3:17 xCO2_SW 433	3.5371725 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/22/2010 6:17 xCO2 SW 44	1.6423521 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle		
3/22/2010 9:17 xCO2_SW 42' during equilibrator cycle	7.0954642 4	bad CO2 sw measurement due to pressure problems
3/22/2010 12:17 xCO2_SW	427.8270151	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/22/2010 15:17 xCO2_SW	430.1484656	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/22/2010 18:17 xCO2 SW	426.4567286	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle		
3/22/2010 21:17 xCO2_SW problems during equilibrator cycle	420.4611276	4 bad CO2 sw measurement due to pressure
3/23/2010 0:17 xCO2_SW 43	1.0576353 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/23/2010 3:17 xCO2_SW 43	7.6012241 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/23/2010 6:17 xCO2 SW 448	8.6303839 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle		bad CO2 sw measurement due to pressure problems
3/23/2010 9:17 xCO2_SW 444 during equilibrator cycle	4.976269 4	bad CO2 sw measurement due to pressure problems
3/23/2010 12:17 xCO2_SW	434.4451566	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/23/2010 15:17 xCO2 SW	409.4178776	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle		·
3/23/2010 18:17 xCO2_SW problems during equilibrator cycle	410.0181983	4 bad CO2 sw measurement due to pressure
3/23/2010 21:17 xCO2_SW	411.5201539	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/24/2010 0:17 xCO2 SW 423	3.1656475 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	2056951 4	
during equilibrator cycle	6.2956851 4	bad CO2 sw measurement due to pressure problems
3/24/2010 6:17 xCO2_SW 414 during equilibrator cycle	4.9746652 4	bad CO2 sw measurement due to pressure problems
3/24/2010 9:17 xCO2_SW 408	8.3237849 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle		

3/24/2010 12:17 xCO2_SW 421.3539535	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/24/2010 15:17 xCO2 SW 414.4529523	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	bad 502 5w measurement due to pressure
3/24/2010 18:17 xCO2_SW 392.8057163	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/24/2010 21:17 xCO2_SW 373.9703001	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/25/2010 0:17 xCO2 SW 393.4729496 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	bad CO2 sw measurement due to pressure problems
3/25/2010 3:17 xCO2_SW 394.5294708 4 during equilibrator cycle	bad CO2 sw measurement due to pressure problems
3/25/2010 6:17 xCO2_SW 430.423918 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/25/2010 9:17 xCO2 SW 372.1411069 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	but 002 sw modsdrement due to pressure problems
3/25/2010 12:17 xCO2_SW 408.2737825	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	4 had CC2 and magazine month dive to measure
3/25/2010 15:17 xCO2_SW 404.126341 problems during equilibrator cycle	4 bad CO2 sw measurement due to pressure
3/25/2010 18:17 xCO2 SW 431.5126901	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	bad 502 ow moded of finite add to procedure
3/25/2010 21:17 xCO2_SW 427.3016259	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	
3/26/2010 0:17 xCO2_SW 439.3644237 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/26/2010 3:17 xCO2 SW 449.0775991 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	bad CO2 sw measurement due to pressure problems
3/26/2010 6:17 xCO2_SW 447.3251469 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	
3/26/2010 9:17 xCO2_SW 425.0700398 4 during equilibrator cycle	bad CO2 sw measurement due to pressure problems
3/26/2010 12:17 xCO2 SW 421.3908949	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	bad 002 ow moded of month add to product
3/26/2010 15:17 xCO2_SW 425.5581594	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	
3/26/2010 18:17 xCO2_SW 436.5482452	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/26/2010 21:17 xCO2 SW 435.4542915	4 bad CO2 sw measurement due to pressure
3/26/2010 21:17 xCO2_SW 435.4542915 problems during equilibrator cycle	bad CO2 sw measurement due to pressure
3/27/2010 0:17 xCO2 SW 425.345867 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	
3/27/2010 3:17 xCO2_SW 433.493963 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	had 000 accompany to the management and the second
3/27/2010 6:17 xCO2_SW 445.9672803 4 during equilibrator cycle	bad CO2 sw measurement due to pressure problems
3/27/2010 9:17 xCO2 SW 432.0379136 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	and colon measurement due to proceed problems
3/27/2010 12:17 xCO2_SW 439.571966	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	
3/27/2010 15:17 xCO2_SW 445.9899764	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle 3/27/2010 18:17 xCO2 SW 436.7949874	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	. Dad 002 5W medsurement due to pressure
3/27/2010 21:17 xCO2_SW 437.2756725	4 bad CO2 sw measurement due to pressure
problems during equilibrator cycle	
3/28/2010 0:17 xCO2_SW 443.8953604 4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	

3/28/2010 3:17 xCO2_SW	440.0030363	4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/28/2010 6:17 xCO2 SW	423.374625	4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	420.014020	-	bud 002 ow medicarement due to pressure problems
3/28/2010 9:17 xCO2_SW	438.6187064	4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/28/2010 12:17 xCO2_	SW 430.00	38602	4 bad CO2 sw measurement due to pressure
problems during equilibrator cyc		30002	bad CO2 sw measurement due to pressure
3/28/2010 15:17 xCO2_		38623	4 bad CO2 sw measurement due to pressure
problems during equilibrator cyc			
3/29/2010 9:17 xCO2_SW	430.1452577	4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle 3/29/2010 21:17 xCO2_	SW 418 19	57856	4 bad CO2 sw measurement due to pressure
problems during equilibrator cyc		.0.000	2 au CO2 on model omone ado to procede
3/30/2010 0:17 xCO2_SW	413.6491385	4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle	444 7405070		had 000 and on the control of the co
3/30/2010 3:17 xCO2_SW during equilibrator cycle	411.7185376	4	bad CO2 sw measurement due to pressure problems
3/31/2010 9:17 xCO2 SW	376.1442706	4	bad CO2 sw measurement due to pressure problems
during equilibrator cycle			
3/31/2010 12:17 xCO2_		52618	4 bad CO2 sw measurement due to pressure
problems during equilibrator cyc 4/4/2010 15:17 xCO2 SW	de 433.9459167	3	likely bad CO2 sw measurement due to pressure
problems during equilibrator cyc		3	likely bad CO2 Sw measurement due to pressure
6/14/2010 21:17 xCO2_		34452	3 likely bad CO2 air and sw measurement due to
problems with the Licor			
6/14/2010 21:17 xCO2_	Air 389.61	83582	3 likely bad CO2 air and sw measurement due to
problems with the Licor 6/15/2010 0:17 xCO2_SW	469.6680646	3	likely bad CO2 air and sw measurement due to problems
with the Licor	100.0000010	· ·	intoly bad 5-52 air and 5w modernment add to probleme
6/15/2010 0:17 xCO2_Air	389.9614432	3	likely bad CO2 air and sw measurement due to problems
with the Licor	0144 400 04	E 4000	2 likely had 000 size and assessment due to
6/15/2010 21:17 xCO2_ problems with the Licor	SVV 463.01	54266	3 likely bad CO2 air and sw measurement due to
6/15/2010 21:17 xCO2_	Air 390.09	71237	3 likely bad CO2 air and sw measurement due to
problems with the Licor			
6/16/2010 0:17 xCO2_SW	473.7015818	3	likely bad CO2 air and sw measurement due to problems
with the Licor 6/16/2010 0:17 xCO2_Air	389.9481792	3	likely bad CO2 air and sw measurement due to problems
with the Licor	309.9401792	3	likely bad CO2 all and sw measurement due to problems
6/16/2010 18:17 xCO2_	SW 464.55	32635	3 likely bad CO2 air and sw measurement due to
problems with the Licor	4: 000 50		
6/16/2010 18:17 xCO2_ problems with the Licor	Air 389.56	20423	3 likely bad CO2 air and sw measurement due to
6/16/2010 21:17 xCO2	SW 466.36	88347	3 likely bad CO2 air and sw measurement due to
problems with the Licor	,		,
6/16/2010 21:17 xCO2_	Air 390.08	37615	3 likely bad CO2 air and sw measurement due to
problems with the Licor	468.5978338	2	likely had CO2 air and ay magayrament due to problems
6/18/2010 0:17 xCO2_SW with the Licor	400.5976556	3	likely bad CO2 air and sw measurement due to problems
6/18/2010 0:17 xCO2_Air	390.0827885	3	likely bad CO2 air and sw measurement due to problems
with the Licor			
6/18/2010 21:17 xCO2_	SW 470.94	46369	3 likely bad CO2 air and sw measurement due to
problems with the Licor 6/18/2010 21:17 xCO2_	Air 390 46	74655	3 likely bad CO2 air and sw measurement due to
problems with the Licor	,		
6/19/2010 0:17 xCO2_SW	467.5717742	3	likely bad CO2 air and sw measurement due to problems
with the Licor			

6/19/2010 0:17 xCO2_Air 390.4300673 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/19/2010 21:17 xCO2_SW 469.300155	3 likely bad CO2 air and sw measurement due to
problems with the Licor	
6/19/2010 21:17 xCO2_Air 390.2939974	3 likely bad CO2 air and sw measurement due to
problems with the Licor	
6/20/2010 21:17 xCO2_SW 468.8587657	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
6/20/2010 21:17 xCO2 Air 389.9427974	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
6/21/2010 0:17 xCO2_SW 470.1453028 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/21/2010 0:17 xCO2_Air 390.062972 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/21/2010 21:17 xCO2_SW 468.9386302	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
6/21/2010 21:17 xCO2_Air 390.1292086	3 likely bad CO2 air and sw measurement due to
problems with the Licor	, , , , , , , , , , , , , , , , , , , ,
6/22/2010 0:17 xCO2_SW 471.1834995 3	likely bad CO2 air and sw measurement due to problems
with the Licor	,
6/22/2010 0:17 xCO2 Air 389.8938704 3	likely bad CO2 air and sw measurement due to problems
with the Licor	,, , , , , , , , , , , , , , , , ,
6/22/2010 21:17 xCO2 SW 467.8898851	3 likely bad CO2 air and sw measurement due to
problems with the Licor	, , , , , , , , , , , , , , , , , , , ,
6/22/2010 21:17 xCO2 Air 389.6074231	3 likely bad CO2 air and sw measurement due to
problems with the Licor	,
6/23/2010 0:17 xCO2 SW 475.4991884 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/23/2010 0:17 xCO2 Air 389.7764394 3	likely bad CO2 air and sw measurement due to problems
with the Licor	,
6/23/2010 21:17 xCO2_SW 469.2439602	3 likely bad CO2 air and sw measurement due to
problems with the Licor	, , , , , , , , , , , , , , , , , , , ,
6/23/2010 21:17 xCO2 Air 390.2382499	3 likely bad CO2 air and sw measurement due to
problems with the Licor	, , , , , , , , , , , , , , , , , , , ,
6/24/2010 0:17 xCO2_SW 476.8635814 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/24/2010 0:17 xCO2_Air 389.7937578 3	likely bad CO2 air and sw measurement due to problems
with the Licor	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6/24/2010 21:17 xCO2_SW 469.0466737	3 likely bad CO2 air and sw measurement due to
problems with the Licor	, , , , , , , , , , , , , , , , , , , ,
6/24/2010 21:17 xCO2_Air 390.2509575	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
6/25/2010 0:17 xCO2 SW 472.8319087 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/25/2010 0:17 xCO2 Air 389.8631593 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/28/2010 21:17 xCO2_SW 479.1203246	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
6/28/2010 21:17 xCO2_Air 389.6766856	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
6/29/2010 0:17 xCO2_SW 479.0983821 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/29/2010 0:17 xCO2_Air 389.4597444 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/30/2010 0:17 xCO2_SW 477.1275522 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
6/30/2010 0:17 xCO2_Air 390.0624023 3	likely bad CO2 air and sw measurement due to problems
with the Licor	·

6/30/2010 21:17	•	xCO2_SW	486.33	17016	3 I	ikely bad (CO2 air	and sw me	asurement due	to
problems with th										
6/30/2010 21:17		xCO2_Air	389.82	93493	3 I	ikely bad (CO2 air	and sw me	asurement due	to
problems with th		100.0	407004	0	Block to be a	1.000 -:-			4	
	xCO2_S	3W 489.0°	197694	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor	vCO2 A	ir 200.40	01/10/	3	likoly bog	1 CO2 oir	and ow	magaurama	ant due te probl	lomo
7/3/2010 3:17 with the Licor	xCO2_A	MI 309.40	814124	3	likely bac	I CO2 all	and Sw i	measureme	ent due to probl	ems
	xCO2_S	NV 402 81	308616	3	likely bad	1 CO2 air	and ew i	meacureme	ent due to probl	ome
with the Licor	XCO2_3	792.0	300010	3	likely bac	I COZ ali	and SW	illeasureille	ent due to probi	CIIIS
	xCO2_A	ir 389.90	065912	3	likely had	1 CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor	X002_/	000.0			mony but	. 002 un	u 011		ont add to prob	01110
	xCO2_S	SW 495.34	405925	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	lems
with the Licor	_				•				•	
7/6/2010 6:17	xCO2_A	ir 389.47	746941	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	ems
with the Licor										
	xCO2_S	SW 495.10	091693	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor										
	xCO2_A	ir 389.38	855875	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor				_			_			
7/7/2010 21:17	xCO2_S	SW 494.3	557143	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	ems
with the Licor	vCO2 A	:- 200.7/	007400	2	ومطايرا وماثا	1 CO2 =:=			ant due ta muchi	
7/7/2010 21:17 with the Licor	XCO2_A	Mr 389.70	087188	3	likely bac	CO2 air	and Sw i	measureme	ent due to probl	ems
	xCO2_S	SW 500 10	603587	3	likely bad	1 CO2 air	and ew i	meacureme	ent due to probl	ome
with the Licor	XCO2_3	500.10	003307	3	likely bac	I COZ ali	and SW	illeasureille	ent due to probi	CIIIS
	xCO2 A	ir 389.2	53716	3	likely had	1 CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor	X00 <u>2</u> _/	000.20	007.10		intoly but	2 002 un	ana ow	mododi om	one due to probi	01110
	xCO2_S	SW 501.1	166868	3	likely bad	CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor	_				, ,					
7/8/2010 3:17	xCO2_A	ir 389.40	02617	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	ems
with the Licor										
	xCO2_S	SW 503.86	691984	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	ems
with the Licor										
	xCO2_A	ir 388.19	983872	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor	000 0	500.04	000070	•						
	xCO2_S	5VV 522.89	992976	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor	vCO2 A	.in 2007	100106	2	likaly bad	1 CO2 air	and au	maaauram	ant due te probl	omo
7/9/2010 3:17 with the Licor	xCO2_A	Mr 388.74	423186	3	likely bac	CO2 air	and Sw i	measureme	ent due to probl	ems
7/9/2010 21:17	vCO2 S	NV 488 29	869105	3	likely had	l CO2 air	and ew i	maacurama	ent due to probl	ame
with the Licor	X002_0	700.20	009100	3	incly bac	I COZ ali	and SW	neasurenie	ent due to probi	CIIIS
7/9/2010 21:17	xCO2 A	ir 386 7!	549558	3	likely bad	1 CO2 air	and swi	measureme	ent due to probl	ems
with the Licor									dad to p. da.	
7/11/2010 0:17	xCO2 S	SW 485.24	415646	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	lems
with the Licor	_				•				•	
7/11/2010 0:17	xCO2_A	ir 388.90	036535	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	ems
with the Licor										
7/11/2010 3:17	xCO2_S	SW 502.16	668949	3	likely bad	d CO2 air	and sw	measureme	ent due to probl	ems
with the Licor										
7/11/2010 3:17	xCO2_A	ir 388.42	267676	3	likely bad	d CO2 air	and sw i	measureme	ent due to probl	ems
with the Licor		000 011	.=							
7/11/2010 21:17		xCO2_SW	479.44	416/4	3 I	ikely bad (CO2 air	and sw me	asurement due	to
problems with th 7/11/2010 21:17		vCO2 Air	200 400	20560	2 1	ikaly bad (and ou ma	acuroment due	to
problems with th		xCO2_Air	389.49	00009	3 I	ikely bad (and SW Me	asurement due	i lU
7/12/2010 3:17		SW 476.90	04826	3	likely bad	l CO2 air	and ew i	measurema	ent due to probl	eme
with the Licor	X002_0	770.90	0 1020	9	mory bac	202 all	and SW I	caoarciii	one due to probi	01110
=										

7/12/2010 21:17 xCO2_SW 476.1274178 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 479.1997912 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 0.17 xCO2_Air 389.3885422 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 0.17 xCO2_Air 389.3885422 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 0.17 xCO2_Air 389.38941107 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 0.17 xCO2_Air 389.0529377 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/15/2010 12:17 xCO2_Air 389.0529373 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/15/2010 12:17 xCO2_Air 389.2646368 problems with the Licor 7/16/2010 0.17 xCO2_Air 389.0687479 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 0.17 xCO2_Air 389.0687479 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 0.17 xCO2_Air 389.2646368 problems with the Licor 7/16/2010 0.17 xCO2_Air 389.2646368 problems with the Licor 7/16/2010 0.17 xCO2_Air 389.268179 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 0.17 xCO2_Air 389.268179 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_Air 389.268179 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_Air 389.3681376 problems with the Licor 7/18/2010 12:17 xCO2_Air 389.3681376 problems with the Licor 7/18/2010 12:17 xCO2_Air 389.3886454 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_Air 389.388662 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_Air 389.3886454 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_Air 389.388662 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_Air 389.					
7/12/2010 21:17		389.3164227	3	likely ba	ad CO2 air and sw measurement due to problems
Trigon T		SW 476.12	274178	3	likely bad CO2 air and sw measurement due to
problems with the Licor		Air 389 5	246933	3	likely bad CO2 air and sw measurement due to
Triangle		<i>y</i> 000.0 <i>.</i>	_ 10000		intery bad 552 air and 5w modelarement add to
7/13/2010 0:17 xCO2_SW	7/13/2010 0:17 xCO2_SW	479.1997912	3	likely ba	ad CO2 air and sw measurement due to problems
7/14/2010 0:17 xCO2_SW	7/13/2010 0:17 xCO2_Air	389.3885422	3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor 7/14/2010 12:17		480.4507472	3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor 7/14/2010 12:17					·
7/14/2010 12:17 xCO2_SW 476.9034444 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/15/2010 21:17 xCO2_SW 490.3457833 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/15/2010 21:17 xCO2_SW 499.926017 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 0:17 xCO2_SW 499.926017 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 0:17 xCO2_SW 499.926017 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 21:17 xCO2_SW 499.926017 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/16/2010 21:17 xCO2_SW 492.1038726 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_SW 492.1038726 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_SW 492.1038726 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 12:17 xCO2_SW 494.1843371 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 15:17 xCO2_SW 494.1843371 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/18/2010 15:17 xCO2_SW 505.0098468 problems with the Licor 7/18/2010 12:17 xCO2_SW 505.0098468 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.9071111 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.9071111 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.9071111 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.908106 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.908106 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.908106 3 likely bad CO2 air and sw measurement due to problems with the Licor 7/12/2010 21:17 xCO2_SW 498.9088106 3 likely bad CO2 air and sw measu		389.4941107	3	likely ba	ad CO2 air and sw measurement due to problems
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problems with the Licor	7/28/2010 21:17 xCO2_	Air 388.30	044067	3	likely bad CO2 air and sw measurement due to
	problems with the Licor				

7/29/2010 3:17	xCO2_SW	489.7465154	3	likely bad CO2 air and sw measurement due to problems
with the Licor 7/29/2010 3:17	xCO2_Air	388.6816992	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_			•
7/30/2010 0:17	xCO2_SW	501.6177479	3	likely bad CO2 air and sw measurement due to problems
with the Licor 7/30/2010 0:17	xCO2_Air	388.2929382	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
7/30/2010 21:17 problems with the		SW 499.1	126991	3 likely bad CO2 air and sw measurement due to
7/30/2010 21:17	7 xCO2_	Air 387.42	231098	3 likely bad CO2 air and sw measurement due to
problems with th 7/31/2010 21:17		C/M	996177	3 likely bad CO2 air and sw measurement due to
problems with th		300.08	990177	3 likely bad CO2 all and sw measurement due to
7/31/2010 21:17		Air 388.60	060922	3 likely bad CO2 air and sw measurement due to
problems with th				,
8/1/2010 0:17	xCO2_SW	503.0427216	3	likely bad CO2 air and sw measurement due to problems
with the Licor			_	
8/1/2010 0:17	xCO2_Air	388.6965837	3	likely bad CO2 air and sw measurement due to problems
with the Licor	COO CW	E07 E0040EE	0	libely had 000 six and accompany to the translation
8/2/2010 0:17 with the Licor	xCO2_SW	507.5201055	3	likely bad CO2 air and sw measurement due to problems
8/2/2010 0:17	xCO2_Air	385.425701	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_All	303.423701	J	incly bad 662 air and 5w measurement due to problems
8/2/2010 21:17	xCO2 SW	509.3695749	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_			
8/2/2010 21:17	xCO2_Air	385.158495	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/3/2010 0:17	xCO2_SW	491.3221274	3	likely bad CO2 air and sw measurement due to problems
with the Licor	vCO2 Aim	207 4020465	2	likely had COO air and as management due to machlema
8/3/2010 0:17 with the Licor	xCO2_Air	387.1232465	3	likely bad CO2 air and sw measurement due to problems
8/3/2010 21:17	xCO2_SW	490.6036138	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_011	100.0000100		imoly bad 002 air and ow modernment add to problems
8/3/2010 21:17	xCO2_Air	388.6594699	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
	xCO2_SW	489.1957766	3	likely bad CO2 air and sw measurement due to problems
with the Licor	000 41:	000 5000500	•	I'll all head 000 all and a second and a second all a few collisions.
8/4/2010 0:17	xCO2_Air	388.5226563	3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/4/2010 21:17	vCO2 SW	517.4506389	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_0W	317.4300000	J	incly bad 662 air and sw measurement due to problems
8/4/2010 21:17	xCO2 Air	389.2559877	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_			
	xCO2_SW	509.242117	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/5/2010 0:17	xCO2_Air	388.8456546	3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/5/2010 6:17	vCO2 CW	404 E006146	2	likely bad CO2 air and sw measurement due to problems
with the Licor	xCO2_SW	494.5826146	3	likely bad CO2 all and sw measurement due to problems
	xCO2_Air	389.0814256	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_7	000.0011200		interly bad 002 air and on medicarement add to problems
8/5/2010 21:17	xCO2_SW	499.4560914	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/5/2010 21:17	xCO2_Air	386.8910391	3	likely bad CO2 air and sw measurement due to problems
with the Licor	000 014	E00 7404000	•	Illustrate and COO attended to the Cooperation of t
8/6/2010 0:17 with the Licor	xCO2_SW	500.7464602	3	likely bad CO2 air and sw measurement due to problems
WITH THE LICOI				

8/6/2010 0:17 xCO2_Air 388.2534219 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/6/2010 21:17 xCO2_SW 501.344168 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/6/2010 21:17 xCO2_Air 386.1032335 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/7/2010 0:17 xCO2 SW 504.4504949 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/7/2010 0:17 xCO2 Air 387.5020053 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
8/7/2010 21:17 xCO2_SW 505.3081538 3 with the Licor	likely bad CO2 air and sw measurement due to problems
8/7/2010 21:17 xCO2_Air 389.057746 3 with the Licor	likely bad CO2 air and sw measurement due to problems
8/8/2010 0:17 xCO2_SW 507.4362072 3 with the Licor	likely bad CO2 air and sw measurement due to problems
8/8/2010 0:17 xCO2_Air 388.9160132 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/8/2010 21:17 xCO2_SW 513.7558707 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/8/2010 21:17 xCO2_Air 386.7165678 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/9/2010 21:17 xCO2 SW 508.4770468 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/9/2010 21:17 xCO2 Air 387.8735468 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
8/10/2010 21:17 xCO2_SW 494.2894789 problems with the Licor	3 likely bad CO2 air and sw measurement due to
8/10/2010 21:17 xCO2_Air 385.8215377 problems with the Licor	3 likely bad CO2 air and sw measurement due to
8/11/2010 0:17 xCO2_SW 494.9520961 3 with the Licor	likely bad CO2 air and sw measurement due to problems
8/11/2010 0:17 xCO2_Air 387.4458287 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/11/2010 21:17 xCO2_SW 491.851094	3 likely bad CO2 air and sw measurement due to
problems with the Licor 8/11/2010 21:17 xCO2 Air 384.9978497	3 likely bad CO2 air and sw measurement due to
problems with the Licor 8/12/2010 0:17 xCO2 SW 496.4411679 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
8/12/2010 0:17 xCO2_Air 385.2747717 3 with the Licor	likely bad CO2 air and sw measurement due to problems
8/12/2010 21:17 xCO2_SW 493.3259089 problems with the Licor	3 likely bad CO2 air and sw measurement due to
8/12/2010 21:17 xCO2_Air 386.064382 problems with the Licor	3 likely bad CO2 air and sw measurement due to
8/13/2010 0:17 xCO2_SW 489.8772691 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/13/2010 0:17 xCO2_Air 385.0669135 3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/13/2010 21:17 xCO2_SW 479.1687034	3 likely bad CO2 air and sw measurement due to
problems with the Licor 8/13/2010 21:17 xCO2_Air 387.8086144	3 likely bad CO2 air and sw measurement due to
problems with the Licor	likely bad CO2 air and sw measurement due to problems
with the Licor	
8/14/2010 0:17 xCO2_Air 387.852915 3 with the Licor	likely bad CO2 air and sw measurement due to problems

	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_	
8/15/2010 0:17 xCO2_Air 385.7647993 3 with the Licor	3	likely bad CO2 air and sw measurement due to problems
8/15/2010 21:17 xCO2 SW 476.5316	358	3 likely bad CO2 air and sw measurement due to
problems with the Licor	000	intery bad 002 air and 3w measurement due to
8/15/2010 21:17 xCO2 Air 384.5863	3841	3 likely bad CO2 air and sw measurement due to
problems with the Licor		•
8/16/2010 0:17 xCO2_SW 479.2598884	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_	
——————————————————————————————————————	3	likely bad CO2 air and sw measurement due to problems
with the Licor	0400	2 likely had CO2 air and assume and due to
8/16/2010 21:17 xCO2_SW 477.4338 problems with the Licor	5163	3 likely bad CO2 air and sw measurement due to
8/16/2010 21:17 xCO2_Air 388.2246	8 7 05	3 likely bad CO2 air and sw measurement due to
problems with the Licor	0100	intery bad 002 air and 3w measurement due to
•	3	likely bad CO2 air and sw measurement due to problems
with the Licor		, ,
	3	likely bad CO2 air and sw measurement due to problems
with the Licor		
8/17/2010 21:17 xCO2_SW 483.042	1659	3 likely bad CO2 air and sw measurement due to
problems with the Licor	2405	2 libely had 000 air and assume accommon to the te
8/17/2010 21:17 xCO2_Air 387.6102	2465	3 likely bad CO2 air and sw measurement due to
problems with the Licor 8/18/2010 0:17 xCO2_SW 467.4591596 3	3	likely bad CO2 air and sw measurement due to problems
with the Licor	,	likely bad 602 all and sw measurement due to problems
	3	likely bad CO2 air and sw measurement due to problems
with the Licor		
8/18/2010 21:17 xCO2_SW 473.7368	8842	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
8/18/2010 21:17 xCO2_Air 385.9113	3671	3 likely bad CO2 air and sw measurement due to
problems with the Licor	_	
8/19/2010 0:17 xCO2_SW 474.7421428 3 with the Licor	3	likely bad CO2 air and sw measurement due to problems
	3	likely bad CO2 air and sw measurement due to problems
with the Licor	,	likely bad 602 all and sw measurement due to problems
8/19/2010 21:17 xCO2 SW 472.5424	4907	3 likely bad CO2 air and sw measurement due to
problems with the Licor		•
8/19/2010 21:17 xCO2_Air 385.6788	8931	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_	Weeks had 000 six and assume as a due to marklane
8/20/2010 0:17 xCO2_Air 387.6168802 3 with the Licor	3	likely bad CO2 air and sw measurement due to problems
8/20/2010 21:17 xCO2_SW 473.093	3162	3 likely bad CO2 air and sw measurement due to
problems with the Licor	3102	3 likely bad 602 all and sw measurement due to
8/20/2010 21:17 xCO2_Air 386.0404	4909	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
8/21/2010 0:17 xCO2_SW 474.9816399	3	likely bad CO2 air and sw measurement due to problems
with the Licor		
_	3	likely bad CO2 air and sw measurement due to problems
with the Licor	5000	O Illah had 000 da ada a arawa a arawa da ata
8/21/2010 21:17 xCO2_SW 479.971!	5386	3 likely bad CO2 air and sw measurement due to
problems with the Licor 8/21/2010 21:17 xCO2 Air 386.1188	8107	3 likely bad CO2 air and sw measurement due to
problems with the Licor	5181	intery bad 602 all and 5w intersulement due to
•	3	likely bad CO2 air and sw measurement due to problems
with the Licor	-	ty the committee and the problems

8/22/2010 0:17 xCO2_Air	387.6	389379	3	likely bad CO2 air and sw measurement due to problems
with the Licor	00.014	400.00	20000	O Plate had 000 already a second death
	O2_SW	483.28	366232	3 likely bad CO2 air and sw measurement due to
problems with the Licor 8/22/2010 21:17 xC	O2 Air	385 08	387504	3 likely bad CO2 air and sw measurement due to
problems with the Licor	02_/\li	303.30	007004	3 likely bad 002 all and 3w measurement due to
8/23/2010 0:17 xCO2 SW	478.5	433834	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/23/2010 0:17 xCO2_Air	385.9	622334	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
	O2_SW	483.89	72564	3 likely bad CO2 air and sw measurement due to
problems with the Licor	OO 4:-	204.00	250004	2 likely had 000 six and any management due to
8/23/2010 21:17 xC problems with the Licor	O2_Air	384.90)53361	3 likely bad CO2 air and sw measurement due to
8/24/2010 0:17 xCO2 SW	475.3	285401	3	likely bad CO2 air and sw measurement due to problems
with the Licor	473.3	203401	3	likely bad CO2 all and sw measurement due to problems
8/24/2010 0:17 xCO2 Air	386.9	091968	3	likely bad CO2 air and sw measurement due to problems
with the Licor	000.0			
8/24/2010 21:17 xC	O2_SW	489.86	379351	3 likely bad CO2 air and sw measurement due to
problems with the Licor				
	O2_Air	386.18	323316	3 likely bad CO2 air and sw measurement due to
problems with the Licor				
8/25/2010 0:17 xCO2_SW	483.3	567539	3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/25/2010 0:17 xCO2 Air	207.0	996404	3	likely had CO2 air and ay magayrament due to problems
with the Licor	307.0	990404	3	likely bad CO2 air and sw measurement due to problems
	O2 SW	485.09	951803	3 likely bad CO2 air and sw measurement due to
problems with the Licor	02_011	400.00	70 1000	intery but 002 air and 5w medicinent due to
	O2 Air	386.40	08288	3 likely bad CO2 air and sw measurement due to
problems with the Licor	_			•
8/26/2010 0:17 xCO2_SW	484.9	044735	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/26/2010 0:17 xCO2_Air	385.5	357364	3	likely bad CO2 air and sw measurement due to problems
with the Licor	405.4	774047	0	likely had 000 signed as well-as and do a temperature
8/26/2010 3:17 xCO2_SW with the Licor	485.1	774347	3	likely bad CO2 air and sw measurement due to problems
8/26/2010 3:17 xCO2 Air	387.6	392421	3	likely bad CO2 air and sw measurement due to problems
with the Licor	307.0	092421	3	likely bad 602 all and sw measurement due to problems
	O2_SW	482.43	342608	3 likely bad CO2 air and sw measurement due to
problems with the Licor				
	O2_Air	385.55	3124	3 likely bad CO2 air and sw measurement due to
problems with the Licor				
8/27/2010 0:17 xCO2_SW	482.4	500926	3	likely bad CO2 air and sw measurement due to problems
with the Licor		- -		
8/27/2010 0:17 xCO2_Air	385.6	070064	3	likely bad CO2 air and sw measurement due to problems
with the Licor 8/27/2010 21:17 xC	O2 6W	102 11	251109	2 likely had CO2 air and ay magayrament due to
problems with the Licor	O2_SW	403.42	251109	3 likely bad CO2 air and sw measurement due to
•	O2_Air	385.68	364315	3 likely bad CO2 air and sw measurement due to
problems with the Licor	O <u>Z_</u> / (iii	000.00	70 10 10	intoly but 002 an and on modernment add to
8/28/2010 0:17 xCO2_SW	478.0	081173	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/28/2010 0:17 xCO2_Air	384.8	485979	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
	O2_SW	479.15	82961	3 likely bad CO2 air and sw measurement due to
problems with the Licor	O2 A:=	205.05	17450	2 likely had CO2 air and an management due to
8/28/2010 21:17 xC problems with the Licor	O2_Air	300.20	517458	3 likely bad CO2 air and sw measurement due to
problems with the Licor				

8/29/2010 0:17 xC	:02_SW	478.7219224	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/29/2010 0:17 xC	O2_Air	386.0170201	3	likely bad CO2 air and sw measurement due to problems
with the Licor	000	0)4/ 470 /	0.40004.4	2 libely had 2000 air and any manager due to
8/29/2010 21:17	xCO2_	SW 479.3	3466311	3 likely bad CO2 air and sw measurement due to
problems with the l 8/29/2010 21:17	xCO2_	Δir 386.1	3603734	3 likely bad CO2 air and sw measurement due to
problems with the l		All 300.	0000104	3 likely bad 602 all and sw measurement due to
8/30/2010 0:17 xC		473.6853141	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/30/2010 0:17 xC	O2_Air	386.5113687	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
8/30/2010 21:17	xCO2_	SW 468.8	3736632	3 likely bad CO2 air and sw measurement due to
problems with the l				
8/30/2010 21:17	xCO2_	Air 387.3	3460759	3 likely bad CO2 air and sw measurement due to
problems with the l		470 0000000	2	likely had CO2 air and ay management due to much lane
8/31/2010 0:17 xC with the Licor	.U2_SVV	470.8960932	3	likely bad CO2 air and sw measurement due to problems
8/31/2010 0:17 xC	O2 Air	387.0285251	3	likely bad CO2 air and sw measurement due to problems
with the Licor	,02_All	307.0203231	3	likely bad 602 all and sw measurement due to problems
8/31/2010 21:17	xCO2	SW 467.8	3403681	3 likely bad CO2 air and sw measurement due to
problems with the l				
8/31/2010 21:17	xCO2_	Air 385.6	6782491	3 likely bad CO2 air and sw measurement due to
problems with the l	Licor			•
9/1/2010 0:17 xC	:O2_SW	466.483759	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
	O2_Air	387.4009139	3	likely bad CO2 air and sw measurement due to problems
with the Licor	000 000	400 4440040	•	likely had 000 six and accompany to the translation
9/1/2010 21:17 xC with the Licor	.U2_SVV	469.1446042	3	likely bad CO2 air and sw measurement due to problems
9/1/2010 21:17 xC	:O2 Air	386.1941743	3	likely bad CO2 air and sw measurement due to problems
with the Licor	702_AII	300.1341743	3	incly but 002 air and 3w measurement due to problems
	02_SW	468.0169681	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
9/2/2010 0:17 xC	O2_Air	387.9217355	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
9/2/2010 21:17 xC	:02_SW	474.8224819	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
9/2/2010 21:17 xC	O2_Air	386.4533685	3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/3/2010 0:17 xC	O2_SW	473.9749869	3	likely bad CO2 air and sw measurement due to problems
with the Licor	.02_3**	473.9749009	3	likely bad CO2 all and sw measurement due to problems
	O2_Air	386.8830056	3	likely bad CO2 air and sw measurement due to problems
with the Licor	· • • • • • • • • • • • • • • • • • • •	000.000000		interference and and an interest and to problems
9/3/2010 21:17 xC	02 SW	478.4395756	3	likely bad CO2 air and sw measurement due to problems
with the Licor	_			
9/3/2010 21:17 xC	O2_Air	385.7520347	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
	:02_SW	475.7923695	3	likely bad CO2 air and sw measurement due to problems
with the Licor		007 0077757		Plate had 000 classed a management destroyed and
	O2_Air	387.8077757	3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/4/2010 21:17 xC	:O2 SW	491.0987316	3	likely bad CO2 air and sw measurement due to problems
with the Licor	.02_0	- 1 01.0307010	J	intery bad 002 air and 5w measurement due to problems
9/4/2010 21:17 xC	O2 Air	385.8209248	3	likely bad CO2 air and sw measurement due to problems
with the Licor			-	, 111 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	02_SW	487.4309669	3	likely bad CO2 air and sw measurement due to problems
with the Licor				·

9/5/2010 0:17 xCO2_Air 385.759382	4 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
9/5/2010 21:17 xCO2_SW 488.064400	4 3	likely bad CO2 air and sw measurement due to problems
with the Licor	2	likely had COO air and ay magazinament due to muchlane
9/5/2010 21:17 xCO2_Air 385.172583: with the Licor	3 3	likely bad CO2 air and sw measurement due to problems
9/6/2010 0:17 xCO2 SW 485.295146	3 3	likely bad CO2 air and sw measurement due to problems
with the Licor	0 0	incly bad 662 air and 3w measurement due to problems
9/6/2010 0:17 xCO2 Air 384.690547	1 3	likely bad CO2 air and sw measurement due to problems
with the Licor		,
9/6/2010 3:17 xCO2_SW 484.729777	5 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
9/6/2010 3:17 xCO2_Air 386.842958	6 3	likely bad CO2 air and sw measurement due to problems
with the Licor	0 0	likely had COO air and ay magazinament due to muchlane
9/6/2010 21:17 xCO2_SW 486.055595 with the Licor	6 3	likely bad CO2 air and sw measurement due to problems
9/6/2010 21:17 xCO2_Air 384.761596	8 3	likely bad CO2 air and sw measurement due to problems
with the Licor	0 0	likely bad 602 all and sw measurement due to problems
9/7/2010 0:17 xCO2 SW 488.415103	6 3	likely bad CO2 air and sw measurement due to problems
with the Licor		,
9/7/2010 0:17 xCO2_Air 384.394455	4 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
9/7/2010 21:17 xCO2_SW 485.735333	2 3	likely bad CO2 air and sw measurement due to problems
with the Licor	0 0	I'll all had 000 all and a survey of distance bloom
9/7/2010 21:17 xCO2_Air 383.542019	3 3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/8/2010 0:17 xCO2 SW 488.801571	7 3	likely bad CO2 air and sw measurement due to problems
with the Licor	7 3	likely bad 602 all and sw measurement due to problems
9/8/2010 0:17 xCO2 Air 384.106928	3	likely bad CO2 air and sw measurement due to problems
with the Licor		
9/8/2010 21:17 xCO2_SW 495.277505	7 4	bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me	easuremen	t
9/8/2010 21:17 xCO2_Air 382.560987		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 0:17 xCO2_SW 492.823419		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 0:17 xCO2_Air 381.929267		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 3:17 xCO2_SW 493.399064 was able to recalculate CO2 9/20/10 6:00 me		bad CO2 measurements as span gas was running out -
9/9/2010 3:17 xCO2 Air 384.918995		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 6:17 xCO2 SW 489.899290		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 6:17 xCO2 Air 385.697365		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 9:17 xCO2 SW 484.212840		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me	easuremen	
9/9/2010 9:17 xCO2_Air 386.305744	1 4	bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 12:17 xCO2_SW 487.956362		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 12:17 xCO2_Air 385.716779		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
9/9/2010 15:17 xCO2_SW 489.5258499		bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me 9/9/2010 15:17 xCO2 Air 385.434937		t bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 me		
THE GOTO TO TOURISHING OUT OF TO 0.00 THE	Jaoui Cilicii	•

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9/9/2010 18:17 xCO2 SW
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/9/2010 18:17 xCO2 Air
                              385.4504533
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/9/2010 21:17 xCO2_SW
                              507.7176301
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
                             403.4810619
9/9/2010 21:17 xCO2 Air
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 0:17 xCO2 SW
                              504.6119075
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 0:17 xCO2 Air
                             403.6531817
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 3:17 xCO2 SW
                              503.6052588
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 3:17 xCO2 Air
                             401.470021
                                             4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 6:17 xCO2 SW
                              501.154909
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 6:17 xCO2 Air
                             403.1042885
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 9:17 xCO2 SW
                             504.8198145
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 9:17 xCO2 Air
                             404.6049288
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 12:17
                      xCO2 SW
                                     508.2273773
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 12:17
                      xCO<sub>2</sub> Air
                                     404.6922442
                                                    4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 15:17
                      xCO2_SW
                                     517.1645637
                                                    4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 15:17
                      xCO<sub>2</sub> Air
                                     407.4302155
                                                    4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO2 SW
9/10/2010 18:17
                                     514.6151865
                                                            bad CO2 measurements as span gas was running
                                                    4
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 18:17
                      xCO<sub>2</sub> Air
                                     405.8489678
                                                    4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 21:17
                      xCO<sub>2</sub> SW
                                     513.9840494
                                                    4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/10/2010 21:17
                      xCO<sub>2</sub> Air
                                     402.84061
                                                    4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 0:17 xCO2 SW
                              513.6082205
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 0:17 xCO2 Air
                             402.1555001
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 3:17 xCO2 SW
                             509.9236446
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 3:17 xCO2 Air
                             404.510982
                                             4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 6:17 xCO2 SW
                              501.8085858
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 6:17 xCO2 Air
                             403.0076156
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 9:17 xCO2 SW
                              503.8528291
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 9:17 xCO2 Air
                             404.3900816
                                            4
                                                    bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 12:17
                      xCO2 SW
                                     508.9744246
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
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490.1431507

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bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 15:17
                      xCO<sub>2</sub> SW
                                      512.3006156
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 15:17
                      xCO<sub>2</sub> Air
                                      404.6430851
                                                             bad CO2 measurements as span gas was running
                                                     4
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 18:17
                      xCO<sub>2</sub> SW
                                      512.3873903
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO<sub>2</sub> Air
9/11/2010 18:17
                                      405.1397473
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 21:16
                      xCO<sub>2</sub> SW
                                      504.7755573
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/11/2010 21:16
                      xCO2_Air
                                      400.8776352
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 0:16 xCO2 SW
                              504.2310008
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 0:16 xCO2 Air
                              400.2338716
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 3:16 xCO2 SW
                              504.5128734
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 3:16 xCO2 Air
                              402.5484974
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 6:16 xCO2 SW
                              503.5425146
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 6:16 xCO2 Air
                              405.0521221
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 9:16 xCO2 SW
                              503.9527938
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 9:16 xCO2 Air
                              403.6876899
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 12:16
                      xCO2 SW
                                      507.0106199
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO<sub>2</sub> Air
9/12/2010 12:16
                                      405.8415063
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 15:16
                      xCO2 SW
                                      505.6644327
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 15:16
                      xCO<sub>2</sub> Air
                                      404.25071
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO<sub>2</sub> SW
                                      517.8629881
9/12/2010 18:16
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 18:16
                      xCO<sub>2</sub> Air
                                      412.5958422
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 21:16
                      xCO2 SW
                                      505.4063469
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/12/2010 21:16
                      xCO<sub>2</sub> Air
                                      399.8321846
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 0:16 xCO2 SW
                              504.6156456
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 0:16 xCO2 Air
                              400.1073869
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 3:16 xCO2 SW
                              509.430789
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 3:16 xCO2 Air
                              401.346267
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 6:16 xCO2 SW
                              506.0491014
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 6:16 xCO2 Air
                              399.3497953
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
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9/11/2010 12:17

xCO₂ Air

405.3744176

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bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 9:16 xCO2 Air
                              401.9408636
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
                       xCO<sub>2</sub> SW
9/13/2010 12:16
                                      511.5659436
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 12:16
                       xCO<sub>2</sub> Air
                                      400.8925634
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                       xCO2 SW
                                      511.4907257
9/13/2010 15:16
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 15:16
                       xCO<sub>2</sub> Air
                                      403.1361805
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 18:16
                       xCO2 SW
                                      515.520371
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 18:16
                       xCO<sub>2</sub> Air
                                      405.3640434
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/13/2010 21:16
                       xCO<sub>2</sub> SW
                                      510.398592
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                                      400.3208602
9/13/2010 21:16
                       xCO<sub>2</sub> Air
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 0:16 xCO2 SW
                              508.4055383
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 0:16 xCO2 Air
                              397.0176337
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 3:16 xCO2 SW
                              509.8355914
                                              4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 3:16 xCO2 Air
                              399.6353994
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 6:16 xCO2_SW
                              498.6647136
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 6:16 xCO2 Air
                              398.0855537
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 9:16 xCO2 SW
                              500.4565621
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 9:16 xCO2 Air
                              400.5556127
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 12:16
                       xCO<sub>2</sub> SW
                                      501.0844273
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 12:16
                       xCO<sub>2</sub> Air
                                      400.3020266
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                       xCO<sub>2</sub> SW
9/14/2010 15:16
                                      504.7220464
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 15:16
                      xCO<sub>2</sub> Air
                                      402.2624349
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 18:16
                       xCO2 SW
                                      509.965736
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 18:16
                                      402.2631493
                                                     4
                       xCO<sub>2</sub> Air
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 21:16
                       xCO2 SW
                                      502.7914704
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/14/2010 21:16
                       xCO<sub>2</sub> Air
                                      397.446017
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 0:16 xCO2 SW
                              501.7574811
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 0:16 xCO2 Air
                              396.3808877
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 3:16 xCO2 SW
                              502.087991
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
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9/13/2010 9:16 xCO2 SW

508.3931874

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bad CO2 measurements as span gas was running out -
9/15/2010 3:16 xCO2 Air
                              397.9792157
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 6:16 xCO2 SW
                              493.7809635
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 6:16 xCO2 Air
                              396.7565777
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 9:16 xCO2 SW
                              496.1973203
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 9:16 xCO2 Air
                              399.6418077
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 12:16
                      xCO<sub>2</sub> SW
                                      498.5362516
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 12:16
                      xCO2_Air
                                      399.7388768
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 15:16
                      xCO<sub>2</sub> SW
                                      497.8629901
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 15:16
                      xCO<sub>2</sub> Air
                                      400.1698743
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO<sub>2</sub> SW
9/15/2010 18:16
                                      502.5825941
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                                      401.6997982
9/15/2010 18:16
                      xCO<sub>2</sub> Air
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 21:16
                      xCO2 SW
                                      499.8666807
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/15/2010 21:16
                      xCO<sub>2</sub> Air
                                      401.0707262
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 0:16 xCO2 SW
                              498.7657456
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 0:16 xCO2 Air
                              397.1557902
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 3:16 xCO2 SW
                              496.9732808
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 3:16 xCO2 Air
                              400.633809
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 6:16 xCO2 SW
                              493.7743236
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 6:16 xCO2 Air
                              400.7520822
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 9:16 xCO2 SW
                              489.9465938
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 9:16 xCO2 Air
                              399.4572692
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 12:16
                      xCO2 SW
                                      494.8226238
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 12:16
                      xCO<sub>2</sub> Air
                                      402.2181422
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 15:16
                      xCO2 SW
                                      504.8421421
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 15:16
                      xCO<sub>2</sub> Air
                                      406.2290251
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 18:16
                      xCO<sub>2</sub> SW
                                      506.4222245
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 18:16
                      xCO<sub>2</sub> Air
                                      408.5135362
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO2_SW
9/16/2010 21:16
                                      498.9660932
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/16/2010 21:16
                      xCO<sub>2</sub> Air
                                      401.9407192
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
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9/17/2010 0:16 xCO2 SW
                              496.543054
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 0:16 xCO2 Air
                              398.8822582
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 3:16 xCO2_SW
                              502.685575
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 3:16 xCO2 Air
                              405.5696137
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 6:16 xCO2 SW
                              491.8937045
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 6:16 xCO2 Air
                              399.2109551
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 9:16 xCO2 SW
                              489.5551123
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 9:16 xCO2 Air
                              400.9108119
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 12:16
                      xCO<sub>2</sub> SW
                                      492.8452924
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                                      402.1370048
9/17/2010 12:16
                      xCO<sub>2</sub> Air
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO2 SW
                                      496.2912198
9/17/2010 15:16
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 15:16
                      xCO<sub>2</sub> Air
                                      403.4579604
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 18:16
                                      499.3893768
                      xCO2 SW
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 18:16
                      xCO<sub>2</sub> Air
                                      404.1243403
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 21:16
                      xCO2_SW
                                      494.4450838
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/17/2010 21:16
                      xCO<sub>2</sub> Air
                                      400.5921325
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 0:16 xCO2 SW
                              493.9725407
                                            4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 0:16 xCO2 Air
                              399.9140726
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 3:16 xCO2 SW
                              496.4526812
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 3:16 xCO2 Air
                              402.2397181
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 6:16 xCO2 SW
                              494.0657711
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 6:16 xCO2 Air
                              400.2612664
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 9:16 xCO2 SW
                              493.9641458
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 9:16 xCO2 Air
                              401.5385171
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 12:16
                      xCO<sub>2</sub> SW
                                      493.9377698
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 12:16
                      xCO<sub>2</sub> Air
                                      402.2163892
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO<sub>2</sub> SW
9/18/2010 15:16
                                      494.7098458
                                                     4
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 15:16
                      xCO<sub>2</sub> Air
                                      403.4922883
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 18:16
                      xCO2 SW
                                      496.5869776
                                                            bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
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9/18/2010 18:16
                      xCO<sub>2</sub> Air
                                      404.6094801
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 21:16
                      xCO<sub>2</sub> SW
                                      493.4438291
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/18/2010 21:16
                      xCO<sub>2</sub> Air
                                      400.5564645
                                                             bad CO2 measurements as span gas was running
                                                     4
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 0:16 xCO2 SW
                              493.7874001
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 0:16 xCO2 Air
                              400.1054467
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 3:16 xCO2 SW
                              497.1354163
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 3:16 xCO2 Air
                              403.9233355
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 6:16 xCO2 SW
                              491.9182297
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 6:16 xCO2 Air
                              399.9833997
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 9:16 xCO2 SW
                              486.0072334
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 9:16 xCO2 Air
                              400.9945087
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 12:16
                      xCO<sub>2</sub> SW
                                      490.9946396
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 12:16
                                      402.1679956
                      xCO<sub>2</sub> Air
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 15:16
                      xCO2 SW
                                      494.5476966
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 15:16
                      xCO<sub>2</sub> Air
                                      403.1299456
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 18:16
                      xCO2 SW
                                      498.1821717
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
                      xCO<sub>2</sub> Air
9/19/2010 18:16
                                      406.9371974
                                                             bad CO2 measurements as span gas was running
                                                     4
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 21:16
                      xCO2 SW
                                      493.7967336
                                                     4
                                                             bad CO2 measurements as span gas was running
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/19/2010 21:16
                      xCO<sub>2</sub> Air
                                      402.4495894
                                                             bad CO2 measurements as span gas was running
                                                     4
out - was able to recalculate CO2 9/20/10 6:00 measurement
9/20/2010 0:16 xCO2 SW
                              491.4763031
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/20/2010 0:16 xCO2 Air
                              403.5039219
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/20/2010 3:16 xCO2 SW
                              491.2658249
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/20/2010 3:16 xCO2 Air
                              401.4538782
                                             4
                                                     bad CO2 measurements as span gas was running out -
was able to recalculate CO2 9/20/10 6:00 measurement
9/21/2010 6:16 xCO2 SW
                              480.1221279
                                             3
                                                     likely bad CO2 air and sw measurement due to problems
with the Licor
9/21/2010 6:16 xCO2_Air
                              386.2633345
                                             3
                                                     likely bad CO2 air and sw measurement due to problems
with the Licor
9/21/2010 9:16 xCO2 SW
                              470.7267935
                                             3
                                                     likely bad CO2 air and sw measurement due to problems
with the Licor
9/21/2010 9:16 xCO2 Air
                              386.4824795
                                             3
                                                     likely bad CO2 air and sw measurement due to problems
with the Licor
9/21/2010 12:16
                                                     3
                                                             likely bad CO2 air and sw measurement due to
                      xCO2 SW
                                      466.689832
problems with the Licor
9/21/2010 12:16
                      xCO<sub>2</sub> Air
                                      386.1188994
                                                     3
                                                             likely bad CO2 air and sw measurement due to
problems with the Licor
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9/21/2010 21:16	xCO2_	SW	463.98	5144	3	likely bad CO2 air and sw measurement due to
problems with the Licor						•
9/21/2010 21:16	xCO2_	Air	381.73	93671	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
9/22/2010 0:16 xCO2_	_SW	467.13	03754	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor				_		
9/22/2010 0:16 xCO2_	_Air	383.32	11977	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor	000	0)4/	450.00	4.4555	•	Plat had 000 abanda a sasa sasa da da
9/22/2010 21:16	xCO2_	SW	459.28	14555	3	likely bad CO2 air and sw measurement due to
problems with the Licor 9/22/2010 21:16	xCO2_	Λir.	383.05	27524	3	likely bad CO2 air and sw measurement due to
problems with the Licor		All	363.05	21334	3	likely bad CO2 all and sw measurement due to
9/23/2010 0:16 xCO2_		465.61	50728	3	likely h	bad CO2 air and sw measurement due to problems
with the Licor		100.01	00120	· ·	intoly b	bad 502 all and 6W modelatoment add to problems
9/23/2010 0:16 xCO2_	Air	383.63	23209	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor	•					
9/23/2010 21:16	xCO2_	SW	458.60	06354	3	likely bad CO2 air and sw measurement due to
problems with the Licor						•
9/23/2010 21:16	xCO2_	Air	382.42	07762	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
9/24/2010 0:16 xCO2_	SW	461.70	11738	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor						
9/24/2010 0:16 xCO2_	_Air	383.25	56976	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor	000	0)4/	400.05	7004	•	Plat had 000 about a more more than to
9/24/2010 21:16	xCO2_	SW	460.65	7621	3	likely bad CO2 air and sw measurement due to
problems with the Licor 9/24/2010 21:16		A in	202.70	EZOGE	2	likely had CO2 air and ay measurement due to
problems with the Licor	xCO2_	All	382.79	57905	3	likely bad CO2 air and sw measurement due to
9/25/2010 0:16 xCO2_		466.68	16572	3	likely h	bad CO2 air and sw measurement due to problems
with the Licor	_0**	₹00.00	10372	3	iikely L	bad GOZ all and sw measurement due to problems
9/25/2010 0:16 xCO2	Air	383.93	95924	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor	•					
9/25/2010 3:16 xCO2_	SW	465.66	25844	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor						•
9/25/2010 3:16 xCO2_	_Air	383.89	01233	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor						
9/25/2010 21:16	xCO2_	SW	461.23	3609	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
9/25/2010 21:16	xCO2_	Air	382.71	89422	3	likely bad CO2 air and sw measurement due to
problems with the Licor		404.07	00005	0	PI - I - I	had 000 days day make make the collins.
9/26/2010 0:16 xCO2_	_5**	464.87	80885	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor 9/26/2010 0:16 xCO2	Λir.	383.42	E17E2	3	likoly b	bad CO2 air and sw measurement due to problems
with the Licor	<u>.</u> AII	303.42	51755	3	likely L	bad CO2 all and sw measurement due to problems
9/26/2010 3:16 xCO2	SW	474.40	48466	3	likely h	bad CO2 air and sw measurement due to problems
with the Licor	_0,,	474.40	10100	O	intery b	bad 662 all and 5w medicinent due to problems
9/26/2010 3:16 xCO2_	Air	384.22	11296	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor	•					
9/26/2010 21:16	xCO2_	SW	467.52	16376	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
9/26/2010 21:16	xCO2_	Air	384.63	28372	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
9/27/2010 3:16 xCO2_	_SW	473.68	74241	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor		000.5	7 000=	•	100 - 2 - 2	
9/27/2010 3:16 xCO2_	_Air	383.94	70807	3	likely b	bad CO2 air and sw measurement due to problems
with the Licor	CW	460.00	E0000	2	likelii k	had CO2 air and aw magazinement due to mechanic
9/27/2010 6:16 xCO2_ with the Licor	_ 3 V V	469.23	ებ∠ბბ	3	пкету В	bad CO2 air and sw measurement due to problems
WILL LICE LICE						

	384.8617106 3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/27/2010 21:16 xCO2_S	W 471.3517881	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
9/27/2010 21:16 xCO2_A problems with the Licor	ir 383.3615055	3 likely bad CO2 air and sw measurement due to
. 9/28/2010 3:16 xCO2_SW	479.4980093 3	likely bad CO2 air and sw measurement due to problems
	384.0644251 3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/28/2010 21:16 xCO2_S	W 474.4109171	3 likely bad CO2 air and sw measurement due to
problems with the Licor	:- 000 0504 7 00	2 likely had CO2 air and any magazinement due to
9/28/2010 21:16 xCO2_A problems with the Licor	ir 383.3581762	3 likely bad CO2 air and sw measurement due to
	478.4520075 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
	384.7823395 3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/29/2010 21:16 xCO2_S	W 477.9620202	3 likely bad CO2 air and sw measurement due to
problems with the Licor	177.0020202	interly bad 002 air and on modernment add to
. 9/29/2010 21:16 xCO2_A	ir 383.1161669	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
	461.3407255 3	likely bad CO2 air and sw measurement due to problems
with the Licor 9/30/2010 3:16 xCO2_Air	384.2156655 3	likely bad CO2 air and sw measurement due to problems
with the Licor	004.2100000	intery bad 662 dil dild 6W incastrement due to problems
9/30/2010 21:16 xCO2_S	W 475.8918154	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
9/30/2010 21:16 xCO2_A	ir 383.6300822	3 likely bad CO2 air and sw measurement due to
problems with the Licor 10/1/2010 3:16 xCO2_SW	472.2523386 3	likely bad CO2 air and sw measurement due to problems
with the Licor	1 72.2323300 3	likely bad 602 all and sw measurement due to problems
	383.9548283 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
10/1/2010 21:16 xCO2_S	W 467.2860775	3 likely bad CO2 air and sw measurement due to
problems with the Licor 10/1/2010 21:16 xCO2_A	ir 385.0440471	3 likely bad CO2 air and sw measurement due to
problems with the Licor	303.0440471	intery bad 602 air and 5w measurement due to
•	472.4105784 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
10/3/2010 3:16 xCO2_Air	383.6852938 3	likely bad CO2 air and sw measurement due to problems
	472.0551541 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
	384.9119077 3	likely bad CO2 air and sw measurement due to problems
with the Licor	472 7007070 2	likely had CO2 air and ay magayrament due to problems
10/7/2010 3:16 xCO2_SW with the Licor	473.7087078 3	likely bad CO2 air and sw measurement due to problems
	384.2795394 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
10/7/2010 21:16 xCO2_S	W 479.7479813	3 likely bad CO2 air and sw measurement due to
problems with the Licor 10/7/2010 21:16 xCO2 A	in 204 440407E	2 likely had CO2 air and ay massyrament due to
10/7/2010 21:16 xCO2_A problems with the Licor	ir 384.1191075	3 likely bad CO2 air and sw measurement due to
•	479.6137946 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
	384.0666298 3	likely bad CO2 air and sw measurement due to problems
with the Licor		

10/8/2010 3:16 xCO2_SW with the Licor	482.57	77738 3	likely b	ad CO2 air and sw measurement due to problems
10/8/2010 3:16 xCO2_Air	384.62	70298 3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor	o cw	40E 0444026	2	likely had CO2 air and ayy magayrament due to
10/8/2010 21:16 xCO2 problems with the Licor	2_SW	485.9111036	3	likely bad CO2 air and sw measurement due to
10/8/2010 21:16 xCO	2_Air	384.4071965	3	likely bad CO2 air and sw measurement due to
problems with the Licor	O. C.W.	400 0000770	2	likely had CO2 air and any magazinement due to
10/9/2010 21:16 xCO2 problems with the Licor	2_SW	488.9988779	3	likely bad CO2 air and sw measurement due to
10/9/2010 21:16 xCO	2_Air	384.7128548	3	likely bad CO2 air and sw measurement due to
problems with the Licor	0.004	400 0050005	0	libely had 000 six and any mass are and due to
10/10/2010 0:16 xCO2 problems with the Licor	2_SW	486.6853095	3	likely bad CO2 air and sw measurement due to
10/10/2010 0:16 xCO	2_Air	384.5197453	3	likely bad CO2 air and sw measurement due to
problems with the Licor	0.00	404.040044	•	Illustrate and a constraint of the constraint of
10/10/2010 21:16 xCO2 problems with the Licor	2_SW	484.946041	3	likely bad CO2 air and sw measurement due to
10/10/2010 21:16 xCO	2_Air	383.8172118	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
10/11/2010 21:16 xCO2 problems with the Licor	2_SW	479.9968937	3	likely bad CO2 air and sw measurement due to
10/11/2010 21:16 xCO	2 Air	383.4457733	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_			•
	2_SW	480.5937158	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/12/2010 0:16 xCO	2 Air	384.9627369	3	likely bad CO2 air and sw measurement due to
problems with the Licor				, 222 002 011 011 011 011 011 011 011 011
	2_SW	480.7334357	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/12/2010 21:16 xCO	2 Air	383.0542138	3	likely bad CO2 air and sw measurement due to
problems with the Licor		300.0012100		milely sad co2 an and on modernment add to
	2_SW	482.02466	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/13/2010 0:16 xCO	2 Air	385.108113	3	likely bad CO2 air and sw measurement due to
problems with the Licor	/ (1)	000.100110	Ü	intery but 602 air and 5w measurement due to
	2_SW	487.2554184	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/13/2010 21:16 xCO	2_Air	383.7036201	3	likely bad CO2 air and sw measurement due to
problems with the Licor	<u></u>	303.7030201	3	likely bad 602 all and 5w measurement due to
	2_SW	488.3042988	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/14/2010 0:16 xCO	ο Δir	383.7350947	3	likely bad CO2 air and sw measurement due to
problems with the Licor	2_/\	303.7330947	3	likely bad CO2 all and Sw measurement due to
. 10/14/2010 21:16 xCO	2_SW	489.1339541	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/14/2010 21:16 xCO) Air	202 2402026	3	likely bad CO2 air and sw measurement due to
10/14/2010 21:16 xCO2 problems with the Licor	2_AII	383.3492026	3	likely bad CO2 all and sw measurement due to
10/15/2010 21:16 xCO	2_SW	486.1876085	3	likely bad CO2 air and sw measurement due to
problems with the Licor	O Air	202 2440400	2	likely had CO2 air and ay magayrament due to
10/15/2010 21:16 xCO2 problems with the Licor	Z_AII	383.3419498	3	likely bad CO2 air and sw measurement due to
10/16/2010 0:16 xCO	2_SW	484.7801273	3	likely bad CO2 air and sw measurement due to
problems with the Licor	ο Λ: _~	204 225050	2	likely had CO2 air and any magazine and due to
10/16/2010 0:16 xCO2 problems with the Licor	_AIF	384.235852	3	likely bad CO2 air and sw measurement due to
•	2_SW	486.09617	3	likely bad CO2 air and sw measurement due to
problems with the Licor				

10/16/2010 21:16 problems with the Licor	xCO2_Air	381.8886894	3	likely bad CO2 air and sw measurement due to
10/17/2010 0:16	xCO2_SW	491.1752115	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/17/2010 0:16 problems with the Licor	xCO2_Air	383.8409188	3	likely bad CO2 air and sw measurement due to
10/17/2010 21:16	xCO2_SW	481.7188501	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/17/2010 21:16	xCO2_Air	382.4010035	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/18/2010 0:16	xCO2_SW	485.2650691	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/18/2010 0:16	xCO2_Air	385.1105654	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/18/2010 21:16	xCO2_SW	484.8990663	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/18/2010 21:16	xCO2_Air	383.1219042	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/19/2010 0:16	xCO2_SW	489.1953914	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/19/2010 0:16	xCO2_Air	383.7329589	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/19/2010 21:16	xCO2_SW	477.9416018	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/19/2010 21:16	xCO2_Air	383.4873724	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/20/2010 0:16	xCO2_SW	467.6948945	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/20/2010 0:16	xCO2 Air	385.5327151	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/20/2010 21:16	xCO2 SW	470.3988502	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/20/2010 21:16	xCO2 Air	383.7372617	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/21/2010 0:16	xCO2_SW	468.7849235	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/21/2010 0:16	xCO2_Air	385.1574639	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/21/2010 21:16	xCO2_SW	458.7820922	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/21/2010 21:16		383.3824554	3	likely bad CO2 air and sw measurement due to
problems with the Licor				•
10/22/2010 0:16 problems with the Licor	xCO2_SW	460.6561985	3	likely bad CO2 air and sw measurement due to
10/22/2010 0:16 problems with the Licor	xCO2_Air	383.9048753	3	likely bad CO2 air and sw measurement due to
10/22/2010 21:16 problems with the Licor	xCO2_SW	455.7564994	3	likely bad CO2 air and sw measurement due to
10/22/2010 21:16 problems with the Licor	xCO2_Air	382.039446	3	likely bad CO2 air and sw measurement due to
10/23/2010 0:16 problems with the Licor	xCO2_SW	464.9483853	3	likely bad CO2 air and sw measurement due to
10/23/2010 0:16 problems with the Licor	xCO2_Air	384.0502041	3	likely bad CO2 air and sw measurement due to
10/24/2010 21:16 problems with the Licor	xCO2_SW	456.4572652	3	likely bad CO2 air and sw measurement due to
10/24/2010 21:16 problems with the Licor	xCO2_Air	383.4464129	3	likely bad CO2 air and sw measurement due to

10/25/2010 0:16	xCO2_SW	460.3091532	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
10/25/2010 0:16 problems with the Licor	xCO2_Air	384.587131	3	likely bad CO2 air and sw measurement due to
10/25/2010 21:16	xCO2_SW	467.3304245	3	likely bad CO2 air and sw measurement due to
problems with the Licor		407.0004240	•	intery bad 002 air and 5w measurement due to
10/25/2010 21:16	xCO2_Air	383.4570539	3	likely bad CO2 air and sw measurement due to
problems with the Licor				•
10/26/2010 0:16	xCO2_SW	473.8775762	3	likely bad CO2 air and sw measurement due to
problems with the Licor		205 404400	0	libely had 000 sin and assume assume that to
10/26/2010 0:16 problems with the Licor	xCO2_Air	385.191198	3	likely bad CO2 air and sw measurement due to
10/26/2010 21:16	xCO2_SW	466.3924881	3	likely bad CO2 air and sw measurement due to
problems with the Licor		100.002 100 1		intoly bad 002 an and ow modernment due to
10/26/2010 21:16	xCO2_Air	382.158853	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
10/27/2010 0:16	xCO2_SW	473.0588184	3	likely bad CO2 air and sw measurement due to
problems with the Licor		200 2000404	0	libely had 000 sin and assume assume that to
10/27/2010 0:16 problems with the Licor	xCO2_Air	382.3909191	3	likely bad CO2 air and sw measurement due to
10/27/2010 21:16	xCO2_SW	493.0612717	3	likely bad CO2 air and sw measurement due to
problems with the Licor		400.0012717	· ·	intery bad 002 air and 5w measurement due to
10/27/2010 21:16	xCO2_Air	383.429934	3	likely bad CO2 air and sw measurement due to
problems with the Licor				•
10/28/2010 21:16	xCO2_SW	479.8221577	3	likely bad CO2 air and sw measurement due to
problems with the Licor		000 4444000	•	Plat had 000 dans day your property at
10/28/2010 21:16 problems with the Licor	xCO2_Air	383.1411063	3	likely bad CO2 air and sw measurement due to
10/29/2010 0:16	xCO2_SW	478.9225134	3	likely bad CO2 air and sw measurement due to
problems with the Licor		470.0220104	•	intery bad 002 air and 5w measurement due to
10/29/2010 0:16	xCO2_Air	385.4548935	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
10/29/2010 21:16	xCO2_SW	481.8818952	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/29/2010 21:16		382.7553945	3	likely had CO2 air and ay magayrament due to
problems with the Licor	xCO2_Air	302.7333943	3	likely bad CO2 air and sw measurement due to
10/30/2010 0:16	xCO2_SW	480.5076608	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
10/30/2010 0:16	xCO2_Air	384.3583478	3	likely bad CO2 air and sw measurement due to
problems with the Licor			_	
10/30/2010 21:16	xCO2_SW	480.8019592	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/30/2010 21:16	xCO2_Air	383.128309	3	likely bad CO2 air and sw measurement due to
problems with the Licor		363.126309	3	likely bad CO2 all and sw measurement due to
10/31/2010 0:16	xCO2_SW	478.7616767	3	likely bad CO2 air and sw measurement due to
problems with the Licor				,
10/31/2010 0:16	xCO2_Air	383.9966135	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
10/31/2010 21:16	xCO2_SW	476.9670992	3	likely bad CO2 air and sw measurement due to
problems with the Licor 10/31/2010 21:16	xCO2_Air	382.1958563	3	likely bad CO2 air and sw measurement due to
problems with the Licor		302.1930303	3	likely bad 602 all and sw measurement due to
11/1/2010 0:16 xCO2_		15002 3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor			, ,	
11/1/2010 0:16 xCO2_	Air 383.23	99483 3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor	000 011	470.00400==	•	Plate had 000 at a later
11/1/2010 21:16	xCO2_SW	479.3212255	3	likely bad CO2 air and sw measurement due to
problems with the Licor				

11/1/2010 21:16 xCO2_Air 383.0544729	3 likely bad CO2 air and sw measurement due to
problems with the Licor	I'll all head 000 all and a second at a few and a second
11/2/2010 0:16 xCO2_SW 472.0922559 3	likely bad CO2 air and sw measurement due to problems
with the Licor 11/2/2010 0:16 xCO2 Air 384.946178 3	likely bad CO2 air and sw measurement due to problems
with the Licor	likely bad CO2 all and Sw measurement due to problems
11/2/2010 21:16 xCO2 SW 473.6822102	3 likely bad CO2 air and sw measurement due to
problems with the Licor	3 likely bad 602 all and 3w measurement due to
11/2/2010 21:16 xCO2_Air 383.3385422	3 likely bad CO2 air and sw measurement due to
problems with the Licor	intoly but 002 an and ow modernment add to
11/3/2010 0:16 xCO2_SW 473.8266229 3	likely bad CO2 air and sw measurement due to problems
with the Licor	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
11/3/2010 0:16 xCO2_Air 385.0430884 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/3/2010 21:16 xCO2_SW 468.6326187	3 likely bad CO2 air and sw measurement due to
problems with the Licor	
11/3/2010 21:16 xCO2_Air 383.1756794	3 likely bad CO2 air and sw measurement due to
problems with the Licor	
11/4/2010 0:16 xCO2_SW 469.3600157 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/4/2010 0:16 xCO2_Air 383.4812753 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/4/2010 21:16 xCO2_SW 466.3163565	3 likely bad CO2 air and sw measurement due to
problems with the Licor 11/4/2010 21:16 xCO2 Air 383.252564	3 likely bad CO2 air and sw measurement due to
11/4/2010 21:16 xCO2_Air 383.252564 problems with the Licor	3 likely bad CO2 air and sw measurement due to
11/5/2010 0:16 xCO2 SW 468.5124962 3	likely bad CO2 air and sw measurement due to problems
with the Licor	likely bad 602 all and sw measurement due to problems
11/5/2010 0:16 xCO2 Air 383.0959382 3	likely bad CO2 air and sw measurement due to problems
with the Licor	incly bad 552 air and 5w measurement add to problems
11/5/2010 3:16 xCO2 SW 473.011147 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/5/2010 3:16 xCO2 Air 383.1980875 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/5/2010 21:16 xCO2_SW 468.840795	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
11/5/2010 21:16 xCO2_Air 381.7266273	3 likely bad CO2 air and sw measurement due to
problems with the Licor	
11/6/2010 0:16 xCO2_SW 469.0687353 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/6/2010 0:16 xCO2_Air 382.9888198 3	likely bad CO2 air and sw measurement due to problems
with the Licor	
11/6/2010 3:16 xCO2_SW 470.7789171 3	likely bad CO2 air and sw measurement due to problems
with the Licor	Plat had 000 decade a second constitution
11/6/2010 3:16 xCO2_Air 384.5413325 3	likely bad CO2 air and sw measurement due to problems
with the Licor 11/6/2010 21:16 xCO2 SW 466.6659282	2 likely had CO2 air and ay magayrement due to
11/6/2010 21:16 xCO2_SW 466.6659282 problems with the Licor	3 likely bad CO2 air and sw measurement due to
11/6/2010 21:16 xCO2_Air 381.5826674	3 likely bad CO2 air and sw measurement due to
problems with the Licor	3 likely bad 602 all and 3w measurement due to
11/7/2010 0:16 xCO2_SW 469.8373898 3	likely bad CO2 air and sw measurement due to problems
with the Licor	intery but 002 an and 5w measurement add to problems
11/7/2010 0:16 xCO2_Air 383.3164218 3	likely bad CO2 air and sw measurement due to problems
with the Licor	ty that are an area are modern and to problems
11/7/2010 21:16 xCO2_SW 468.0290557	3 likely bad CO2 air and sw measurement due to
problems with the Licor	,
11/7/2010 21:16 xCO2_Air 383.2090219	3 likely bad CO2 air and sw measurement due to
problems with the Licor	

11/8/2010 0:16 xCO2_SW	469.3408	392 3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor				
11/8/2010 0:16 xCO2_Air	383.6184	4276 3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor	0111			
11/8/2010 21:16 xCO2	_SW 2	466.0633936	3	likely bad CO2 air and sw measurement due to
problems with the Licor	۸: ۲	202 2502670	2	likely had CO2 air and any management due to
11/8/2010 21:16 xCO2	_Air 3	383.3593678	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/9/2010 0:16 xCO2 SW	468.6392	2965 3	likoly be	ad CO2 air and sw measurement due to problems
with the Licor	400.0392	2900 3	likely be	ad CO2 all and sw measurement due to problems
11/9/2010 0:16 xCO2 Air	384.3315	5452 3	likely h	ad CO2 air and sw measurement due to problems
with the Licor	004.0010	J-102 0	incly be	ad 002 air and 3w measurement due to problems
11/9/2010 21:16 xCO2	SW 4	466.4765785	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_0,,	100.11.001.00		micry sad 552 air and 54 model of montre add to
11/9/2010 21:16 xCO2	Air 3	383.6461363	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_			.,
11/10/2010 0:16 xCO2	SW 4	472.2523548	3	likely bad CO2 air and sw measurement due to
problems with the Licor				•
11/10/2010 0:16 xCO2	_Air 3	384.4491845	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
11/10/2010 21:16 xCO2	_SW 4	477.466792	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
11/10/2010 21:16 xCO2	_Air 3	382.1679779	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
11/11/2010 0:16 xCO2	_SW 5	500.6572168	3	likely bad CO2 air and sw measurement due to
problems with the Licor			•	
11/11/2010 0:16 xCO2	_Air 3	382.7387929	3	likely bad CO2 air and sw measurement due to
problems with the Licor	CIM	470 4500444	2	likely had CO2 air and any manager and the to
11/11/2010 21:16 xCO2 problems with the Licor	_500 4	476.4509114	3	likely bad CO2 air and sw measurement due to
11/11/2010 21:16 xCO2	Air 3	384.3868254	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_^"	004.0000204	3	likely bad CO2 all and sw measurement due to
11/12/2010 0:16 xCO2	SW 4	188.492057	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_0**	100.402007	0	incry bad 602 air and 5w measurement due to
11/12/2010 0:16 xCO2	Air 3	386.0513929	3	likely bad CO2 air and sw measurement due to
problems with the Licor		300.0010020		micry sad 552 air and 54 model of montre add to
11/12/2010 6:16 xCO2	SW 4	421.1212133	3	CO2 sw measurement questionable but no
obvious clues in diagnostics	_			
11/12/2010 21:16 xCO2	SW 4	460.5052285	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_			•
11/12/2010 21:16 xCO2	_Air 3	383.018485	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
11/13/2010 0:16 xCO2	_SW 4	460.782129	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
11/13/2010 0:16 xCO2	_Air 3	383.6990478	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
11/13/2010 21:16 xCO2	_SW 4	448.0055846	3	likely bad CO2 air and sw measurement due to
problems with the Licor		200 7040004	•	
11/13/2010 21:16 xCO2	_Air 3	383.7319091	3	likely bad CO2 air and sw measurement due to
problems with the Licor	OW	454 0550400	0	libely had 000 air and an area and a second
11/14/2010 0:16 xCO2	_500 4	451.6550482	3	likely bad CO2 air and sw measurement due to
problems with the Licor	Air C	204 2052795	2	likely had CO2 air and ay magayrament due to
11/14/2010 0:16 xCO2 problems with the Licor	_AII 3	384.2952785	3	likely bad CO2 air and sw measurement due to
11/14/2010 21:16 xCO2	SW /	125.4954834	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_0**	+ <u>2</u> 0.+30 + 00 +	J	intory bad 602 air and 5w measurement due to
11/14/2010 21:16 xCO2	Air 3	383.5028301	3	likely bad CO2 air and sw measurement due to
problems with the Licor	`		Ŭ	
production that the bloom				

11/15/2010 0:16	xCO2_SW	421.3465443	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/15/2010 0:16	xCO2_Air	384.7734337	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/15/2010 21:16	xCO2_SW	435.4244304	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/15/2010 21:16 problems with the Licor	xCO2_Air	383.325559	3	likely bad CO2 air and sw measurement due to
11/16/2010 0:16 problems with the Licor	xCO2_SW	426.3547	3	likely bad CO2 air and sw measurement due to
11/16/2010 0:16 problems with the Licor	xCO2_Air	384.8493707	3	likely bad CO2 air and sw measurement due to
11/16/2010 21:16 problems with the Licor	xCO2_SW	444.049184	3	likely bad CO2 air and sw measurement due to
11/16/2010 21:16 problems with the Licor	xCO2_Air	383.3498197	3	likely bad CO2 air and sw measurement due to
11/17/2010 0:16 problems with the Licor	xCO2_SW	443.2387461	3	likely bad CO2 air and sw measurement due to
11/17/2010 0:16 problems with the Licor	xCO2_Air	384.6682652	3	likely bad CO2 air and sw measurement due to
11/17/2010 21:16 problems with the Licor	xCO2_SW	444.3030809	3	likely bad CO2 air and sw measurement due to
11/17/2010 21:16	xCO2_Air	383.6627298	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/18/2010 0:16	xCO2_SW	442.3297304	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/18/2010 0:16	xCO2_Air	383.5807682	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/18/2010 21:16	xCO2_SW	447.6241831	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/18/2010 21:16	xCO2_Air	383.5683885	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/19/2010 0:16	xCO2_SW	448.4330211	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/19/2010 0:16	xCO2_Air	383.61381	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/19/2010 21:16	xCO2_SW	450.79225	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/19/2010 21:16	xCO2_Air	383.5955135	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/20/2010 0:16	xCO2_SW	453.5629314	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/20/2010 0:16	xCO2_Air	384.6099607	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/20/2010 21:16	xCO2_SW	448.0778594	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/20/2010 21:16	xCO2_Air	383.9384206	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/21/2010 0:16	xCO2_SW	449.0467114	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/21/2010 0:16	xCO2_Air	385.6519597	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/21/2010 21:16	xCO2_SW	451.7372682	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/21/2010 21:16	xCO2_Air	384.2597135	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/22/2010 0:16		455.6339675	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_			,

11/22/2010 0:16	xCO2_Air	385.6928052	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/22/2010 21:16	xCO2_SW	457.0485421	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/22/2010 21:16	xCO2_Air	384.2682214	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/23/2010 21:16	xCO2_SW	457.4601597	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/23/2010 21:16	xCO2_Air	384.3175356	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/24/2010 0:16 problems with the Licor	xCO2_SW	452.2860191	3	likely bad CO2 air and sw measurement due to
11/24/2010 0:16 problems with the Licor	xCO2_Air	385.7627915	3	likely bad CO2 air and sw measurement due to
11/24/2010 21:16 problems with the Licor	xCO2_SW	466.4267621	3	likely bad CO2 air and sw measurement due to
11/24/2010 21:16 problems with the Licor	xCO2_Air	383.9837821	3	likely bad CO2 air and sw measurement due to
11/25/2010 0:16 problems with the Licor	xCO2_SW	457.5605693	3	likely bad CO2 air and sw measurement due to
11/25/2010 0:16 problems with the Licor	xCO2_Air	384.0313884	3	likely bad CO2 air and sw measurement due to
11/25/2010 21:16 problems with the Licor	xCO2_SW	488.3094666	3	likely bad CO2 air and sw measurement due to
11/25/2010 21:16 problems with the Licor	xCO2_Air	383.5003822	3	likely bad CO2 air and sw measurement due to
11/26/2010 0:16 problems with the Licor	xCO2_SW	490.6272023	3	likely bad CO2 air and sw measurement due to
11/26/2010 0:16	xCO2_Air	384.0976562	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/26/2010 21:16	xCO2_SW	486.2179708	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/26/2010 21:16	xCO2_Air	383.1756126	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/27/2010 0:16	xCO2_SW	486.5778147	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/27/2010 0:16	xCO2_Air	384.4720483	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/27/2010 21:16	xCO2_SW	480.1138634	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/27/2010 21:16	xCO2_Air	383.8433913	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/28/2010 0:16	xCO2_SW	482.408606	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/28/2010 0:16	xCO2_Air	384.7250423	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/28/2010 21:16	xCO2_SW	503.4717508	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/28/2010 21:16	xCO2_Air	383.8948675	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/29/2010 0:16	xCO2_SW	498.912515	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/29/2010 0:16	xCO2_Air	384.7627281	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/29/2010 21:16	xCO2_SW	501.7184135	3	likely bad CO2 air and sw measurement due to
problems with the Licor 11/29/2010 21:16		383.4144469	3	likely bad CO2 air and sw measurement due to
problems with the Licor	_			,

11/30/2010 0:16 xCO2_SW 498.6570852	3 likely bad CO2 air and sw measurement due to
problems with the Licer	•
problems with the Licor 11/30/2010 0:16 xCO2_Air 384.6705856	3 likely bad CO2 air and sw measurement due to
problems with the Licor 11/30/2010 21:16 xCO2_SW 489.6847983	3 likely bad CO2 air and sw measurement due to
problems with the Licor 11/30/2010 21:16 xCO2_Air 383.3481463	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/1/2010 0:16 xCO2_SW 491.2539007 3	likely bad CO2 air and sw measurement due to problems
with the Licor	likely had CO2 air and ay magayrament due to problems
12/1/2010 0:16 xCO2_Air 384.6650038 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/1/2010 21:16 xCO2_SW 486.3368564	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/1/2010 21:16 xCO2_Air 384.0851618	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/2/2010 21:16 xCO2 SW 487.9141807	3 likely bad CO2 air and sw measurement due to
problems with the Licor	3 likely bad CO2 air and sw measurement due to
12/2/2010 21:16 xCO2_Air 384.1458499	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/3/2010 0:16 xCO2_SW 487.6075194 3	likely bad CO2 air and sw measurement due to problems
with the Licor 12/3/2010 0:16 xCO2 Air 385.4032698 3	likely had CO2 air and ay magaurement due to problems
12/3/2010 0:16 xCO2_Air 385.4032698 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/3/2010 21:16 xCO2_SW 487.9759695	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/3/2010 21:16 xCO2_Air 383.8545985	3 likely bad CO2 air and sw measurement due to
problems with the Licor	likely had COO air and any magazinement due to maklema
12/4/2010 0:16 xCO2_SW 489.3354064 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/4/2010 0:16 xCO2_Air 384.5429943 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/4/2010 21:16 xCO2_SW 490.8213359	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/4/2010 21:16 xCO2_Air 383.8379188	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
12/5/2010 0:16 xCO2_SW 495.9789881 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/5/2010 0:16 xCO2_Air 384.9881265 3	likely bad CO2 air and sw measurement due to problems
with the Licor 12/5/2010 21:16 xCO2_SW 491.0903115	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/5/2010 21:16 xCO2_Air 383.8760209	3 likely bad CO2 air and sw measurement due to
problems with the Licor	ilkely bad 602 all and sw measurement due to
12/6/2010 0:16 xCO2_SW 494.5118288 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/6/2010 0:16 xCO2_Air 384.0647738 3	likely bad CO2 air and sw measurement due to problems
with the Licor 12/6/2010 21:16 xCO2_SW 491.8560976	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/6/2010 21:16 xCO2_Air 384.5565403	3 likely bad CO2 air and sw measurement due to
problems with the Licor	•
12/7/2010 0:16 xCO2_SW 488.9800565 3 with the Licor	likely bad CO2 air and sw measurement due to problems
12/7/2010 0:16 xCO2_Air 385.315523 3	likely bad CO2 air and sw measurement due to problems
with the Licor 12/7/2010 21:16 xCO2_SW 495.5617635	3 likely bad CO2 air and sw measurement due to
problems with the Licor	

12/7/2010 21:16	xCO2_	Air	383.48	35703	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/8/2010 0:16 xCO2_		494.416	55008	3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor 12/8/2010 0:16 xCO2_	Air	383.470	08965	3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor 12/8/2010 21:16	xCO2_	SW	491.32	10797	3	likely bad CO2 air and sw measurement due to
problems with the Licor						•
12/8/2010 21:16 problems with the Licor	xCO2_		383.39		3	likely bad CO2 air and sw measurement due to
12/9/2010 0:16 xCO2_i with the Licor	SW	491.463	36115	3	likely ba	ad CO2 air and sw measurement due to problems
12/9/2010 0:16 xCO2_/ with the Licor	Air	383.754	12628	3	likely ba	ad CO2 air and sw measurement due to problems
12/9/2010 3:16 xCO2_	SW	495.491	14573	3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor 12/9/2010 3:16 xCO2_	Air	384.493	39527	3	likely ba	ad CO2 air and sw measurement due to problems
with the Licor 12/9/2010 21:16	xCO2_	SW	490.25	85388	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
12/9/2010 21:16 problems with the Licor	xCO2_	AII	383.22	53796	3	likely bad CO2 air and sw measurement due to
12/10/2010 0:16 problems with the Licor	xCO2_	SW	492.18	49272	3	likely bad CO2 air and sw measurement due to
12/10/2010 0:16	xCO2_	Air	384.19	5516	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/10/2010 21:16	xCO2_	SW	490.98	0186	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/10/2010 21:16	xCO2	Air	385.01	64404	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/11/2010 0:16		'	494.44		3	likely bad CO2 air and sw measurement due to
problems with the Licor					3	
12/11/2010 0:16 problems with the Licor	xCO2_	Air	384.80	4499	3	likely bad CO2 air and sw measurement due to
12/11/2010 3:16	xCO2_	SW	492.45	86404	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/11/2010 3:16	xCO2_	Air	385.44	81096	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/11/2010 21:16	xCO2_	S/M	486.00	70752	3	likely bad CO2 air and sw measurement due to
problems with the Licor					3	
12/11/2010 21:16 problems with the Licor	xCO2_	Air	383.20	08572	3	likely bad CO2 air and sw measurement due to
12/12/2010 0:16	xCO2_	SW	486.18	96051	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/12/2010 0:16	xCO2_	Air	384.38	90223	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/12/2010 3:16	xCO2_	C/V/	497.09	02400	2	likely bad CO2 air and sw measurement due to
problems with the Licor					3	
12/12/2010 3:16 problems with the Licor	xCO2_	Air	384.81	15078	3	likely bad CO2 air and sw measurement due to
12/12/2010 21:16	xCO2_	SW	495.42	71243	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/12/2010 21:16	xCO2_	Air	383.80	52937	3	likely bad CO2 air and sw measurement due to
problems with the Licor						
12/13/2010 0:16 problems with the Licor	xCO2_	OVV	494.62	3000	3	likely bad CO2 air and sw measurement due to
12/13/2010 0:16 problems with the Licor	xCO2_	Air	384.19	76998	3	likely bad CO2 air and sw measurement due to
problems with the Licor						

12/13/2010 21:16 problems with the Licor	xCO2_SW	495.0028936	3	likely bad CO2 air and sw measurement due to
12/13/2010 21:16	xCO2_Air	384.4154774	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/14/2010 0:16 problems with the Licor	xCO2_SW	497.821435	3	likely bad CO2 air and sw measurement due to
12/14/2010 0:16	xCO2_Air	385.2314518	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/14/2010 21:16	xCO2_SW	485.9871386	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/14/2010 21:16	xCO2_Air	384.7838756	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/15/2010 0:16	xCO2_SW	488.3957201	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/15/2010 0:16	xCO2_Air	385.0915375	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/15/2010 3:16	xCO2_SW	494.654224	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/15/2010 3:16	xCO2_Air	385.5514789	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/15/2010 21:16	xCO2_SW	482.9397198	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/15/2010 21:16	xCO2_Air	384.1221039	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/16/2010 0:16	xCO2_SW	485.6187773	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/16/2010 0:16	xCO2_Air	385.0932904	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/16/2010 21:16	xCO2_SW	480.5850941	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/16/2010 21:16	xCO2 Air	383.9474668	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/17/2010 0:16	xCO2_SW	484.3040395	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/17/2010 0:16	xCO2_Air	383.9965852	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/17/2010 21:16	xCO2_SW	477.9497193	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/17/2010 21:16	xCO2_Air	383.7990628	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/18/2010 0:16		484.3107793	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/18/2010 0:16		384.7763343	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/18/2010 21:16	_			
problems with the Licor	xCO2_SW	483.8438964	3	likely bad CO2 air and sw measurement due to
12/18/2010 21:16 problems with the Licor	xCO2_Air	383.1235596	3	likely bad CO2 air and sw measurement due to
12/19/2010 0:16 problems with the Licor		490.0503904	3	likely bad CO2 air and sw measurement due to
12/19/2010 0:16 problems with the Licor		384.5317007	3	likely bad CO2 air and sw measurement due to
12/19/2010 21:16 problems with the Licor		501.4347948	3	likely bad CO2 air and sw measurement due to
12/19/2010 21:16 problems with the Licor	xCO2_Air	382.91534	3	likely bad CO2 air and sw measurement due to
12/20/2010 0:16 problems with the Licor	xCO2_SW	516.1407098	3	likely bad CO2 air and sw measurement due to

12/20/2010 0:16	xCO2_Air	383.3452917	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/20/2010 21:16	xCO2_SW	504.4084744	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/20/2010 21:16	xCO2_Air	385.321213	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/21/2010 0:16	xCO2_SW	505.560874	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/21/2010 0:16	xCO2_Air	385.9808308	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/21/2010 21:16	xCO2_SW	479.4299448	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/21/2010 21:16	xCO2_Air	384.7971306	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/22/2010 0:16	xCO2_SW	481.8024858	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/22/2010 0:16	xCO2_Air	386.1320075	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/22/2010 21:16	xCO2_SW	482.9432195	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/22/2010 21:16	xCO2_Air	385.3473162	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/23/2010 0:16	xCO2_SW	484.5412958	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/23/2010 0:16	xCO2_Air	386.8280635	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/23/2010 21:16	xCO2_SW	482.2414065	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/23/2010 21:16	xCO2_Air	385.7096729	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/24/2010 0:16	xCO2_SW	480.6007508	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/24/2010 0:16	xCO2_Air	386.8611042	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/24/2010 21:16	xCO2_SW	478.8575797	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/24/2010 21:16	xCO2_Air	386.8440492	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/25/2010 0:16	xCO2_SW	479.1021046	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/25/2010 0:16		387.1137135	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/25/2010 12:16		476.9997771	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/25/2010 12:16	xCO2_Air	386.5907522	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/25/2010 21:16	xCO2_SW	481.1716267	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/25/2010 21:16	xCO2_Air	385.4121304	3	likely bad CO2 air and sw measurement due to
problems with the Licor 12/26/2010 0:16	_	480.3948097	3	
problems with the Licor				likely bad CO2 air and sw measurement due to
12/26/2010 0:16 problems with the Licor		386.7900514	3	likely bad CO2 air and sw measurement due to
12/26/2010 21:16 problems with the Licor		484.5447135	3	likely bad CO2 air and sw measurement due to
12/26/2010 21:16 problems with the Licor	xCO2_Air	384.6501973	3	likely bad CO2 air and sw measurement due to

12/27/2010 0:16	xCO2_SW	482.8325527	3 likely bad CO2 air and sw measurement due to
problems with the Licor			
12/27/2010 0:16	xCO2_Air	384.9851667	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/27/2010 21:16	xCO2_SW	483.3748338	3 likely bad CO2 air and sw measurement due to
problems with the Licor	XCO2_3W	403.3740330	3 likely bad 602 all and sw measurement due to
12/27/2010 21:16	xCO2 Air	383.9912361	3 likely bad CO2 air and sw measurement due to
problems with the Licor	_		,
12/28/2010 0:16	xCO2_SW	486.5763268	3 likely bad CO2 air and sw measurement due to
problems with the Licor			
12/28/2010 0:16	xCO2_Air	385.1680134	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/28/2010 21:16	xCO2 SW	479.9927842	3 likely bad CO2 air and sw measurement due to
problems with the Licor	XCO2_3W	479.9927042	3 likely bad 602 all and sw measurement due to
12/28/2010 21:16	xCO2 Air	384.9400586	3 likely bad CO2 air and sw measurement due to
problems with the Licor	_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
12/29/2010 0:16	xCO2_SW	482.5696023	3 likely bad CO2 air and sw measurement due to
problems with the Licor			
12/29/2010 0:16	xCO2_Air	384.2533216	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/29/2010 21:16	xCO2_SW	475.2873531	3 likely bad CO2 air and sw measurement due to
problems with the Licor	XCO2_3W	473.2073331	3 likely bad 602 all and sw measurement due to
12/29/2010 21:16	xCO2 Air	384.2277289	3 likely bad CO2 air and sw measurement due to
problems with the Licor	_		•
12/30/2010 0:16	xCO2_SW	480.6550249	3 likely bad CO2 air and sw measurement due to
problems with the Licor	000 41		
12/30/2010 0:16	xCO2_Air	385.647687	3 likely bad CO2 air and sw measurement due to
problems with the Licor 12/30/2010 3:16	xCO2_SW	484.9119719	3 likely bad CO2 air and sw measurement due to
problems with the Licor	X002_5W	404.9119719	3 likely bad 602 all and 3w measurement due to
12/30/2010 3:16	xCO2 Air	386.4582491	3 likely bad CO2 air and sw measurement due to
problems with the Licor	_		•
12/31/2010 0:16	xCO2_SW	478.5709438	3 likely bad CO2 air and sw measurement due to
problems with the Licor	v000 Air	207 540500	2 likely had CO2 air and ay management due to
12/31/2010 0:16 problems with the Licor	xCO2_Air	387.549586	3 likely bad CO2 air and sw measurement due to
1/1/2011 0:16 xCO2	SW 485.07	58116 3	likely bad CO2 air and sw measurement due to problems
with the Licor			mon, and column and on monoconomic and to promotine
1/1/2011 0:16 xCO2_/	Air 387.16	41599 3	likely bad CO2 air and sw measurement due to problems
with the Licor			
1/1/2011 3:16 xCO2_	SW 486.65	38491 3	likely bad CO2 air and sw measurement due to problems
with the Licor	Air 206 60	17342 3	likely had CO2 air and ay magayrament due to problems
1/1/2011 3:16 xCO2_/ with the Licor	Air 386.69	17342 3	likely bad CO2 air and sw measurement due to problems
1/1/2011 21:16 xCO2_5	SW 490.23	51074 3	likely bad CO2 air and sw measurement due to problems
with the Licor			,
1/1/2011 21:16 xCO2_/	Air 385.04	11101 3	likely bad CO2 air and sw measurement due to problems
with the Licor			
1/2/2011 0:16 xCO2_5	SW 486.03	95533 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/2/2011 0:16 xCO2 /	Air 385.64	67781 3	likely bad CO2 air and sw measurement due to problems
with the Licor	All 305.04	07701 3	likely bad CO2 all and sw measurement due to problems
1/2/2011 3:16 xCO2_5	SW 487.31	88854 3	likely bad CO2 air and sw measurement due to problems
with the Licor			
1/2/2011 3:16 xCO2_/	Air 386.84	20056 3	likely bad CO2 air and sw measurement due to problems
with the Licor	0144 404 60	04540	Illustrated 000 streets are
1/2/2011 21:16 xCO2_5	SW 484.23	04513 3	likely bad CO2 air and sw measurement due to problems
with the Licor			

1/2/2011 21:16	xCO2_Air	384.8084874	3	likely bad CO2 air and sw measurement due to problems
with the Licor	000 011			
1/3/2011 0:16 with the Licor	xCO2_SW	483.5116722	3	likely bad CO2 air and sw measurement due to problems
1/3/2011 0:16	xCO2_Air	385.7877388	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/3/2011 3:16	xCO2_SW	489.9124529	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/3/2011 3:16 with the Licor	xCO2_Air	385.7780655	3	likely bad CO2 air and sw measurement due to problems
1/3/2011 21:16	xCO2_SW	486.6178771	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_011	100.0110111	Ŭ	intery but 0.02 air and ow modelarement add to probleme
1/3/2011 21:16	xCO2_Air	384.2298124	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/4/2011 0:16	xCO2_SW	485.5517597	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/4/2011 0:16	xCO2 Air	384.2993007	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_7(ii	004.2000001	Ü	intery but 002 air and 5w medicinent due to problems
1/4/2011 3:16	xCO2_SW	490.7390143	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/4/2011 3:16	xCO2_Air	386.4631263	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/4/2011 21:16	vCO2 SW	484.2859708	3	likely bad CO2 air and sw measurement due to problems
with the Licor	XCO2_3VV	404.2039700	3	likely bad 602 all and sw measurement due to problems
1/4/2011 21:16	xCO2_Air	385.057484	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/5/2011 0:16	xCO2_SW	480.0020359	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/5/2011 0:16	xCO2_Air	385.6053648	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_All	303.0033040	3	likely bad 602 all and sw measurement due to problems
1/5/2011 3:16	xCO2_SW	487.3408772	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/5/2011 3:16	xCO2_Air	386.4065202	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/5/2011 21:16	vCO2_SW	482.6058302	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_0W	402.0030002	0	incly bad 602 air and 5w measurement due to problems
1/5/2011 21:16	xCO2_Air	384.0964022	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/6/2011 21:16	xCO2_SW	484.7353688	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/6/2011 21:16	vCO2 Air	386.1564607	3	likely bad CO2 air and sw measurement due to problems
with the Licor	X002_All	300.1304007	3	likely bad 602 all and sw measurement due to problems
1/7/2011 0:16	xCO2_SW	482.8986132	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/7/2011 0:16	xCO2_Air	386.1253679	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/7/2011 3:16	xCO2_SW	483.240597	3	likely bad CO2 air and sw measurement due to problems
with the Licor	XCO2_6VV	403.240397	3	likely bad 602 all and sw measurement due to problems
1/7/2011 3:16	xCO2_Air	387.1623655	3	likely bad CO2 air and sw measurement due to problems
with the Licor				
1/7/2011 21:16	xCO2_SW	486.386355	3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/7/2011 21:16	vC∩2 Air	384.8914665	3	likely bad CO2 air and sw measurement due to problems
with the Licor	7002_All	000F180.F00	J	intery bad 002 air and 5w measurement due to problems
1/8/2011 0:16	xCO2_SW	484.787101	3	likely bad CO2 air and sw measurement due to problems
with the Licor	-			
1/8/2011 0:16	xCO2_Air	385.0347671	3	likely bad CO2 air and sw measurement due to problems
with the Licor				

	182.6907087 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/8/2011 21:16 xCO2_Air	384.8855313 3	likely bad CO2 air and sw measurement due to problems
with the Licor	304.0033313 3	incly bad CO2 all and sw measurement due to problems
	183.7971974 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/9/2011 0:16 xCO2_Air 3	385.9637758 3	likely bad CO2 air and sw measurement due to problems
with the Licor	000.0001700	incly bad 502 air and 5w mediatrement add to problems
	178.5376588 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/9/2011 21:16 xCO2 Air	385.8148427 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
	181.9120568 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/10/2011 0:16 xCO2 Air	385.9033916 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
	189.1214053 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/10/2011 3:16 xCO2 Air 3	386.7977263 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
1/10/2011 21:16 xCO2_S ¹ problems with the Licor	W 479.1635978	3 likely bad CO2 air and sw measurement due to
1/10/2011 21:16 xCO2 A	ir 385.928691	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
1/11/2011 0:16 xCO2_SW	177.1955732 3	likely bad CO2 air and sw measurement due to problems
	385.8586335 3	likely bad CO2 air and sw measurement due to problems
with the Licor	470 750047	
1/11/2011 21:16 xCO2_S ¹ problems with the Licor	W 476.750947	3 likely bad CO2 air and sw measurement due to
1/11/2011 21:16 xCO2_A	ir 385.6841566	3 likely bad CO2 air and sw measurement due to
problems with the Licor	470.054000	likely had 000 size and assume assume and due to much laws
1/12/2011 0:16 xCO2_SW with the Licor	178.854233 3	likely bad CO2 air and sw measurement due to problems
	385.78707 3	likely bad CO2 air and sw measurement due to problems
with the Licor	104 0005000	Illustrate and account of the contract of the
1/12/2011 3:16 xCO2_SW with the Licor	181.9935909 3	likely bad CO2 air and sw measurement due to problems
	386.6699943 3	likely bad CO2 air and sw measurement due to problems
with the Licor	100 507 4077	O The latest COO street and a second of the fe
1/12/2011 21:16 xCO2_S ¹ problems with the Licor	W 486.5874377	3 likely bad CO2 air and sw measurement due to
1/12/2011 21:16 xCO2_A	ir 385.7306535	3 likely bad CO2 air and sw measurement due to
problems with the Licor	407.0700005	Illustrate and account of the contract of the
1/13/2011 0:16 xCO2_SW with the Licor	187.6703805 3	likely bad CO2 air and sw measurement due to problems
	385.878008 3	likely bad CO2 air and sw measurement due to problems
with the Licor	100.0000010	Illustrate and account of the contract of the
1/13/2011 3:16 xCO2_SW with the Licor	192.3229219 3	likely bad CO2 air and sw measurement due to problems
	386.6699919 3	likely bad CO2 air and sw measurement due to problems
with the Licor	100 1051007	O The latest COO street and a second of the fe
1/13/2011 21:16 xCO2_S' problems with the Licor	W 492.1951207	3 likely bad CO2 air and sw measurement due to
1/13/2011 21:16 xCO2_A	ir 386.3010968	3 likely bad CO2 air and sw measurement due to
problems with the Licor	100 0050004	Weeks had 000 strand a second of the first
1/14/2011 0:16 xCO2_SW	193.8956064 3	likely bad CO2 air and sw measurement due to problems

	3.4288442	likely bad CO2 air and sw measurement due to problems
with the Licor 1/14/2011 21:16 xCO2_SW	499.1573076	3 likely bad CO2 air and sw measurement due to
problems with the Licor		,
1/14/2011 21:16 xCO2_Air	387.6512837	3 likely bad CO2 air and sw measurement due to
	.3044041 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/15/2011 0:16 xCO2_Air 387	7.892573 3	likely bad CO2 air and sw measurement due to problems
with the Licor	.092073 3	incly bad 602 all and sw measurement due to problems
1/15/2011 21:16 xCO2_SW	504.3858683	3 likely bad CO2 air and sw measurement due to
problems with the Licor 1/15/2011 21:16 xCO2_Air	386.4242009	3 likely bad CO2 air and sw measurement due to
problems with the Licor	7004007	
1/16/2011 0:16 xCO2_SW 500 with the Licor	.7231267 3	likely bad CO2 air and sw measurement due to problems
1/16/2011 0:16 xCO2_Air 386	3.4641223 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/16/2011 3:16 xCO2_SW 498	3.8769748 3	likely bad CO2 air and sw measurement due to problems
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1/16/2011 3:16 xCO2_Air 386 with the Licor	3.9838842	likely bad CO2 air and sw measurement due to problems
1/16/2011 21:16 xCO2_SW	490.8078758	3 likely bad CO2 air and sw measurement due to
problems with the Licor		
1/16/2011 21:16 xCO2_Air problems with the Licor	385.7412665	3 likely bad CO2 air and sw measurement due to
1/17/2011 0:16 xCO2_SW 493	.4130081 3	likely bad CO2 air and sw measurement due to problems
with the Licor 1/17/2011 0:16 xCO2 Air 387	7.5464671 3	likely bad CO2 air and sw measurement due to problems
with the Licor	.5404071 5	likely bad CO2 all and sw measurement due to problems
1/17/2011 21:16 xCO2_SW	483.3649022	3 likely bad CO2 air and sw measurement due to
problems with the Licor 1/17/2011 21:16 xCO2 Air	384.8795048	3 likely bad CO2 air and sw measurement due to
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1/18/2011 0:16 xCO2_SW 484 with the Licor	.7569759 3	likely bad CO2 air and sw measurement due to problems
1/18/2011 0:16 xCO2_Air 386	3.2265507 3	likely bad CO2 air and sw measurement due to problems
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1/18/2011 21:16 xCO2_SW problems with the Licor	480.9206871	3 likely bad CO2 air and sw measurement due to
1/18/2011 21:16 xCO2_Air	385.492041	3 likely bad CO2 air and sw measurement due to
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	.8371997 3	likely bad CO2 air and sw measurement due to problems
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1/19/2011 21:16 xCO2_Air	386.0307819	3 likely bad CO2 air and sw measurement due to
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1/20/2011 0:16 xCO2_Air 386 with the Licor	3.7596066	likely bad CO2 air and sw measurement due to problems
1/20/2011 21:16 xCO2_SW	489.7910246	3 likely bad CO2 air and sw measurement due to
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1/20/2011 21:16 xCO2_Air	385.2450812	3 likely bad CO2 air and sw measurement due to
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1/21/2011 0:16 xCO2_SW 494.7418431 3	likely bad CO2 air and sw measurement due to problems
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1/21/2011 0:16 xCO2_Air 386.2563505 3	likely bad CO2 air and sw measurement due to problems
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1/21/2011 3:16 xCO2_SW 510.199929 3	likely bad CO2 air and sw measurement due to problems
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1/21/2011 21:16 xCO2_Air 384.050655	3 likely bad CO2 air and sw measurement due to
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1/22/2011 0:16 xCO2_SW 491.3361556 3	likely bad CO2 air and sw measurement due to problems
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1/22/2011 21:16 xCO2_Air 385.80705	3 likely bad CO2 air and sw measurement due to
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1/23/2011 0:16 xCO2_SW 490.6767166 3	likely bad CO2 air and sw measurement due to problems
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1/24/2011 0:16 xCO2 Air 385.8373001 3	likely bad CO2 air and sw measurement due to problems
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1/24/2011 21:16 xCO2_Air 384.4276319	3 likely bad CO2 air and sw measurement due to
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1/25/2011 0:16 xCO2_SW 492.3475025 3	likely bad CO2 air and sw measurement due to problems
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1/24/2011 21:16 xCO2_SW 485.0689916	3 likely bad CO2 air and sw measurement due to
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1/26/2011 21:16 xCO2_Air 387.2221688	3 likely bad CO2 air and sw measurement due to
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1/27/2011 0:16 xCO2_Air 387.4655367 3	likely bad CO2 air and sw measurement due to problems
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1/27/2011 21:16 xCO2_SW 480.9026611 problems with the Licor	3 likely bad CO2 air and sw measurement due to
1/27/2011 21:16 xCO2_Air 386.8778509	3 likely bad CO2 air and sw measurement due to
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1/28/2011 0:16 xCO2_SW 486.6606814 3 with the Licor	likely bad CO2 air and sw measurement due to problems
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1/29/2011 0:16 xCO2_SW 487.5008041 3	likely bad CO2 air and sw measurement due to problems
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1/30/2011 21:16 xCO2_SW 468.425421	3 likely bad CO2 air and sw measurement due to
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with the Licor 2/14/2011 0:16 xCO2_Air 386.4716266 3 likely bad CO2 air and sw measurement due to problems		.	likely had CO2 air and ay measurement due to stable to
2/14/2011 0:16 xCO2_Air 386.4716266 3 likely bad CO2 air and sw measurement due to problems)	inkely bad CO2 all and sw measurement due to problems
		3	likely bad CO2 air and sw measurement due to problems
	with the Licor		

2/14/2011 3:16 xCO2_SW	530.8226665 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/14/2011 3:16 xCO2_Air	387.8740405 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/14/2011 21:16 xCO2_5	SW 482.9257351	3 likely bad CO2 air and sw measurement due to
problems with the Licor		•
2/14/2011 21:16 xCO2_/ problems with the Licor	Air 386.2813735	likely bad CO2 air and sw measurement due to
2/15/2011 0:16 xCO2_SW with the Licor	486.0508125 3	likely bad CO2 air and sw measurement due to problems
2/15/2011 0:16 xCO2_Air	387.24598 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/15/2011 21:16 xCO2_9	SW 483.1841712	likely bad CO2 air and sw measurement due to
problems with the Licor 2/15/2011 21:16 xCO2_/	Air 384.6515697	3 likely bad CO2 air and sw measurement due to
problems with the Licor 2/16/2011 0:16 xCO2_SW	503.9516644 3	likely bad CO2 air and sw measurement due to problems
with the Licor		
2/16/2011 0:16 xCO2_Air with the Licor	385.7372891 3	likely bad CO2 air and sw measurement due to problems
2/16/2011 3:16 xCO2_SW	527.3671729 3	questionable CO2 sw measurement - may be due to
problems with zero calibration 2/16/2011 6:16 xCO2_SW	516.8102343 3	questionable CO2 sw measurement - may be due to
problems with zero calibration	0144 407 5 4000	
2/16/2011 21:16 xCO2_5 problems with the Licor	SW 487.54683	3 likely bad CO2 air and sw measurement due to
2/16/2011 21:16 xCO2_/	Air 386.4417129	3 likely bad CO2 air and sw measurement due to
problems with the Licor 2/17/2011 0:16 xCO2_SW	503.3250973 3	likely bad CO2 air and sw measurement due to problems
with the Licor	303.3230973 3	incly bad CO2 all and sw measurement due to problems
2/17/2011 0:16 xCO2_Air with the Licor	385.4451466 3	likely bad CO2 air and sw measurement due to problems
2/17/2011 3:16 xCO2_SW	539.3660349 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/17/2011 3:16 xCO2_Air	389.033341 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/17/2011 6:16 xCO2 SW	524.7941699 3	guartianable CO2 au magaurament, may be due to
problems with zero calibration	524.7941699 3	questionable CO2 sw measurement - may be due to
2/17/2011 21:16 xCO2_S	SW 483.522248	3 likely bad CO2 air and sw measurement due to
problems with the Licor	Air 207 4074454	2 likely had CO2 air and ay magayrament due to
2/17/2011 21:16 xCO2_/ problems with the Licor	Air 387.1074454	likely bad CO2 air and sw measurement due to
2/18/2011 0:16 xCO2_SW	499.5549095 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/18/2011 0:16 xCO2_Air	389.0965213 3	likely bad CO2 air and sw measurement due to problems
with the Licor 2/18/2011 3:16 xCO2_SW	499.3416562 3	questionable CO2 sw measurement - may be due to
problems with zero calibration		
2/18/2011 21:16 xCO2_S problems with the Licor	SW 481.5460094	likely bad CO2 air and sw measurement due to
2/18/2011 21:16 xCO2_/	Air 388.1690809	3 likely bad CO2 air and sw measurement due to
problems with the Licor 2/19/2011 0:16 xCO2_SW	483.1822158 3	likely bad CO2 air and sw measurement due to problems
with the Licor	200 540525	likely had CO2 air and any management due to mark laws
2/19/2011 0:16 xCO2_Air with the Licor	388.540535 3	likely bad CO2 air and sw measurement due to problems
2/19/2011 21:16 xCO2_5	SW 483.0724	3 likely bad CO2 air and sw measurement due to
problems with the Licor		

2/19/2011 21:16 xCO2_Air	385.315279	3 likely bad CO2 air and sw measurement due to	
problems with the Licor 2/20/2011 0:16 xCO2 SW 490.3	148753 3	likely bad CO2 air and sw measurement due to problems	
with the Licor			
2/20/2011 0:16 xCO2_Air 386.2 with the Licor	773567 3	likely bad CO2 air and sw measurement due to problems	
2/20/2011 3:16 xCO2_SW 506.0151903 3		questionable CO2 sw measurement - may be due to	
problems with zero calibration 2/20/2011 21:16 xCO2 SW	481.6663855	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	401.0003033	3 likely bad 602 all and sw measurement due to	
2/20/2011 21:16 xCO2_Air	387.7724673	3 likely bad CO2 air and sw measurement due to	
problems with the Licor 2/21/2011 0:16 xCO2_SW 481.30	631232 3	likely bad CO2 air and sw measurement due to problems	
with the Licor	005470 0		
2/21/2011 0:16 xCO2_Air 388.50 with the Licor	005176 3	likely bad CO2 air and sw measurement due to problems	
2/21/2011 21:16 xCO2_SW	476.0736724	3 likely bad CO2 air and sw measurement due to	
problems with the Licor 2/21/2011 21:16 xCO2 Air	387.4821715	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	307.4021713	3 likely bad 602 all and sw measurement due to	
——	024011 3	likely bad CO2 air and sw measurement due to problems	
with the Licor 2/22/2011 0:16 xCO2 Air 387.63	376327 3	likely bad CO2 air and sw measurement due to problems	
with the Licor			
2/22/2011 21:16 xCO2_SW problems with the Licor	470.7120795	3 likely bad CO2 air and sw measurement due to	
2/22/2011 21:16 xCO2_Air	387.9329578	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	000744 0	likely had CO2 six and any massagement due to make here	
2/23/2011 0:16 xCO2_SW 474.42 with the Licor	266711 3	likely bad CO2 air and sw measurement due to problems	
2/23/2011 0:16 xCO2_Air 388.4	67638 3	likely bad CO2 air and sw measurement due to problems	
with the Licor 2/23/2011 21:16 xCO2_SW	469.1180215	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	400.1100210	intery but 602 air and 5w medsarement due to	
2/23/2011 21:16 xCO2_Air	386.7802848	3 likely bad CO2 air and sw measurement due to	
problems with the Licor 2/24/2011 0:16 xCO2 SW 472.23	327605 3	likely bad CO2 air and sw measurement due to problems	
with the Licor			
2/24/2011 0:16 xCO2_Air 386.66 with the Licor	852779 3	likely bad CO2 air and sw measurement due to problems	
2/24/2011 21:16 xCO2_SW	469.5331408	3 likely bad CO2 air and sw measurement due to	
problems with the Licor 2/24/2011 21:16 xCO2_Air	386.2407038	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	300.2407030	3 likely bad CO2 all and sw measurement due to	
	198712 3	likely bad CO2 air and sw measurement due to problems	
with the Licor 2/25/2011 0:16 xCO2_Air 386.70	026793 3	likely bad CO2 air and sw measurement due to problems	
with the Licor			
2/25/2011 21:16 xCO2_SW problems with the Licor	470.8745586	3 likely bad CO2 air and sw measurement due to	
2/25/2011 21:16 xCO2_Air	386.2990325	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	749354 3	likely had CO2 air and ay magayrament due to problems	
2/26/2011 0:16 xCO2_SW 473.1 with the Licor	likely bad CO2 air and sw measurement due to problems		
2/26/2011 0:16 xCO2_Air 386.4	5469 3	likely bad CO2 air and sw measurement due to problems	
with the Licor 2/26/2011 21:16 xCO2_SW	469.0185843	3 likely bad CO2 air and sw measurement due to	
problems with the Licor	100.0100040	interface of the area of the assertion and to	

2/26/2011 21:16	xCO2_Air	385.8192975	3	likely bad CO2 air and sw measurement due to
problems with the Licor				
2/27/2011 0:16 xCO2_i with the Licor	SW 474.33	359095 3	likely	/ bad CO2 air and sw measurement due to problems
2/27/2011 0:16 xCO2_/ with the Licor	Air 386.80	684125 3	likely	/ bad CO2 air and sw measurement due to problems
2/27/2011 21:16 problems with the Licor	xCO2_SW	471.1381254	3	likely bad CO2 air and sw measurement due to
2/27/2011 21:16 problems with the Licor	xCO2_Air	386.4537228	3	likely bad CO2 air and sw measurement due to